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Account Manager

Skills Needed

- Communication
- Relationship Building
- Negotiation

Foundational SAE Ideas

Learn financial literacy including basic accounting principles, financial management and budgeting skills.

Develop a resume and cover letter related to this career.

Immersion SAE Ideas

Develop and implement a marketing plan for a school club or community organization, including strategies for promotion and sales.

Create a small business selling products or services to classmates or local community members.

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Accountant

Skills Needed

- Attention to Detail
- Analytical Thinking
- Integrity

Foundational SAE Ideas

Manage personal finances effectively by tracking income and expenses, creating a budget and setting financial goals.

Complete courses or workshops on financial software.

Immersion SAE Ideas

Work for a local tax accountant who manages agriculture customers.

Manage finances for a school agricultural club or FFA chapter.

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Accounting Manager

Skills Needed

- Leadership
- Strategic Thinking
- Problem-Solving

Foundational SAE Ideas

Research safety protocols in office environments and create a poster.

Shadow a manager in a business or accounting firm.

Immersion SAE Ideas

Intern in an agricultural company's finance department.

Study trends in agricultural accounting practices and prepare a report.

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Administrative Assistant

Skills Needed

- Organizational Skills
- Adaptability
- Customer Service

Foundational SAE Ideas

Develop organizational skills through managing schedules and events.

Create a presentation for peers on administrative roles in agricultural organizations.

Immersion SAE Ideas

Intern at a farm bureau or agricultural organization to learn about administrative tasks.

Conduct a survey on administrative challenges in agricultural settings and propose solutions.

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Agricultural Engineer

Skills Needed

- Communication
- Teamwork
- Analytical Skills

Foundational SAE Ideas

Develop technical skills through robotics clubs or engineering workshops.

Create a budget for engineering project materials or competitions.

Immersion SAE Ideas

Intern with an agricultural engineering firm to learn about design and testing of agricultural machinery.

Conduct experiments on soil erosion control or precision farming technologies.

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Analytical Chemist

Skills Needed

- Laboratory Skills
- Safety Awareness
- Critical Thinking

Foundational SAE Ideas

Research industries where analytical chemists are employed, such as agriculture, pharmaceuticals and environmental sciences.

Identify potential hazards in a laboratory environment (e.g., chemical spills, exposure to toxic substances).

Immersion SAE Ideas

Conduct a research project focused on developing methods for detecting contaminants in agricultural products.

Partner with a local nonprofit organization focused on sustainable agriculture to conduct water quality testing in nearby agricultural areas.

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Auditor

Skills Needed

- Analytical Skills
- Integrity
- Time Management

Foundational SAE Ideas

Learn about office ergonomics to create a comfortable and safe working environment, especially when working long hours at a desk.

Shadow an auditor of an agricultural business.

Immersion SAE Ideas

Intern at a local agricultural cooperative or farm supply company.

Help manage the agriculture program budget and fundraisers.

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Automation Technician/ Coordinator

Skills Needed

- Technical Skills
- Programming
- Teamwork

Foundational SAE Ideas

Learn and apply safety procedures for working with automation systems and machinery.

Research how automation is used in agricultural settings.

Immersion SAE Ideas

Work at a local manufacturing facility or agricultural technology company.

Start an agricultural robotics club within your agriculture program, where students design and build prototype robots for tasks such as planting, spraying or harvesting crops.

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Benefits Manager

Skills Needed

- Negotiation
- Data Analysis
- Communication

Foundational SAE Ideas

Study how employee benefits are managed in agricultural businesses and create a presentation.

Research what education is needed for a career as a benefits manager and the cost for that education.

Immersion SAE Ideas

Work at a local agricultural business or cooperative.

Collaborate with a local Chamber of Commerce to organize workshops on financial wellness for small businesses and farm owners.

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Brand Manager

Skills Needed

- Creativity
- Strategic Thinking
- Leadership

Foundational SAE Ideas

Research and develop a budget plan for a hypothetical brand marketing campaign.

Study the role of branding in agricultural products, including how effective branding can impact market success and consumer perception.

Immersion SAE Ideas

Intern with a marketing or branding agency.

Develop and manage a branding project for your FFA chapter.

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Budget Analyst

Skills Needed

- Analytical Skills
- Budgeting
- Communication

Foundational SAE Ideas

Develop and manage a personal budget plan, tracking income and expenses.

Explore career opportunities in budget analysis.

Immersion SAE Ideas

Intern with an agricultural business.

Manage the budget for your local FFA chapter.

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Carcass Merchandiser

Skills Needed

- Product Knowledge
- Adaptability
- Negotiation

Foundational SAE Ideas

Learn about and conduct a hazard analysis for a meat processing environment in your agriculture department.

Explore and report on sustainable and humane practices in livestock production and their impact on meat quality.

Immersion SAE Ideas

Research how different types of meat cuts and grades influence consumer buying decisions.

Set up a stall at a local farmers' market to sell and promote quality meat products.

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Chief Executive Officer

Skills Needed

- Visionary Leadership
- Conflict Resolution
- Decision-Making

Foundational SAE Ideas

Shadow a CEO of a local agricultural business.

Research and report on local agricultural businesses, such as farmers markets or co-ops.

Immersion SAE Ideas

Start a business that connects local farms directly with consumers.

Start and manage a student-run business focused on agriculture, such as a school garden.

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Chief Financial Officer

Skills Needed

- Financial Literacy
- Problem-Solving
- Integrity

Foundational SAE Ideas

Create and manage a personal budget, tracking income, expenses and savings goals.

Participate in virtual stock market games or simulation.

Immersion SAE Ideas

Intern with the finance department of an agribusiness.

Work for a farm accountant or financial manager.

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Chief Operating Officer

Skills Needed

- Management
- Logistics
- Strategic Thinking

Foundational SAE Ideas

Identify a process within a school or community organization that could be improved. Propose and implement changes to enhance efficiency.

Shadow a local business manager or operations director.

Immersion SAE Ideas

Intern with the operations team of an agricultural company.

Start and manage a student-run business focused on agriculture, such as a school garden.

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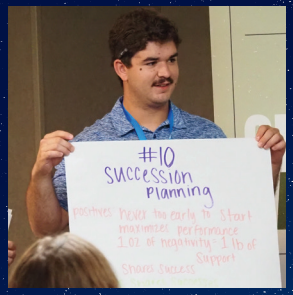

Compensation Specialist

Skills Needed

- Negotiation
- Integrity
- Analytical Skills

Foundational SAE Ideas

Research and analyze compensation trends for different jobs in your area.

Develop a personal budget including income and expenses.

Immersion SAE Ideas

Intern with the human resources department of an agricultural business.

Research how different compensation strategies affect employee retention and satisfaction in agriculture.

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Corporate Recruiter

Skills Needed

- Talent Acquisition
- Relationship Building
- Interpersonal Skills

Foundational SAE Ideas

Research current trends in recruiting for agricultural positions, including skill requirements and emerging roles in the industry.

Explore recruitment practices specific to the agriculture industry.

Immersion SAE Ideas

Organize a career fair at school focused on agricultural careers.

Intern with an agricultural recruiting firm, campus recruiter, corporate business recruiter or similar occupation.

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Customer Service Representative

Skills Needed

- Order Processing
- Billing Systems
- Communication

Foundational SAE Ideas

Job shadow a local agricultural customer service or HR department.

Interview customer service representatives in various fields to understand their roles and career paths.

Immersion SAE Ideas

Design and conduct a survey to measure customer satisfaction at a local agricultural business or organization.

Develop a tool or app to help agricultural businesses collect and analyze customer feedback.

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Data Processor

Skills Needed

- Data Entry
- Accuracy
- Attention to Detail

Foundational SAE Ideas

Learn about basic data security practices to ensure the safe handling of sensitive information.

Research the field of data processing, including career paths and required skills.

Immersion SAE Ideas

Work for an agricultural business to gain experience in data entry.

Develop and implement data management solutions for FFA fundraisers or events.

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Dealer Services Representative

Skills Needed

- Product Knowledge
- Inventory Management
- Sales Skills

Foundational SAE Ideas

Study sales techniques and how they apply to agricultural equipment or services.

Shadow a dealer services representative.

Immersion SAE Ideas

Create and manage a mock dealer network for your high school agricultural mechanics shop.

Work for a local equipment or seed dealer.

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Director of Procurement

Skills Needed

- Contract Management
- Negotiation
- Leadership

Foundational SAE Ideas

Research how procurement decisions affect agricultural businesses.

Shadow a local procurement manager or director.

Immersion SAE Ideas

Assist with community projects that involve managing supplies or resources, such as food drives.

Manage procurement and logistics for large school events or initiatives, such as fundraising events.

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Dispatcher

Skills Needed

- Logistics
- Problem-Solving
- Decision-Making

Foundational SAE Ideas

Shadow a professional dispatcher in various sectors.

Explore the shipping and transfer methods within agribusiness to understand global trade methods.

Immersion SAE Ideas

Work in the logistics department of an agricultural business.

Work for a farm or agricultural operation to manage the logistics of the operation.

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Evisceration Processor

Skills Needed

- Equipment Operation
- Quality Control
- Sanitation

Foundational SAE Ideas

Research various career paths within the meat processing industry.

Create a plan to develop essential skills for working in meat processing.

Immersion SAE Ideas

Work at a meat processing facility.

Organize workshops on meat processing techniques for students and community members.

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Executive Assistant

Skills Needed

- Calendar Management
- Report Writing
- Organization

Foundational SAE Ideas

Shadow an executive assistant in an agricultural business or organization.

Create an emergency response plan for an office setting.

Immersion SAE Ideas

Work for an agricultural business as an executive assistant.

Preform administrative tasks for your local agriculture department.

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Export Documentation Specialist

Skills Needed

- International Trade Regulations
- Logistics
- Attention to Detail

Foundational SAE Ideas

Research the career pathways and educational requirements for export documentation specialists in the agricultural sector.

Learn about safety protocols for handling confidential export documents.

Immersion SAE Ideas

Work for a local agricultural business.

Intern with a local Chamber of Commerce or trade association.

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Export Sales Manager

Skills Needed

- Sales Skills
- Export Regulation and Compliance
- Market Research and Analysis

Foundational SAE Ideas

Analyze the average salary of export sales managers and develop a personal budget as if you were employed in this career.

Research the career pathways for export sales managers in agriculture.

Immersion SAE Ideas

Work for a company that sells agricultural products.

Start and run a farmers market in your local community.

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Extension Agent

Skills Needed

- Agricultural Knowledge
- Extension Program Development
- Community Outreach

Foundational SAE Ideas

Research and present on the role of extension agents in supporting agricultural communities.

Research the average salary for extension agents and develop a personal financial plan as if you were employed in this career.

Immersion SAE Ideas

Work for your local agricultural extension program.

Start a blog or YouTube channel that focuses on agricultural education.

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Extension Faculty

Skills Needed

- Subject-Matter Expertise
- Teaching
- Research Skills

Foundational SAE Ideas

Analyze and report on the effectiveness of current local, state or national extension programs.

Create a detailed plan for the educational requirements needed to become an extension faculty member.

Immersion SAE Ideas

Develop and sell agricultural education resource kits for local schools and community organizations.

Create a podcast or newsletter focusing on agricultural topics.

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Farm Program Coordinator

Skills Needed

- Program Development
- Organization
- Collaboration

Foundational SAE Ideas

Learn about safety procedures for organizing and managing farm-related events.

Develop a mock budget for a farm program.

Immersion SAE Ideas

Start and manage a community garden in your local community.

Manage a student-run farm program within your agriculture department.

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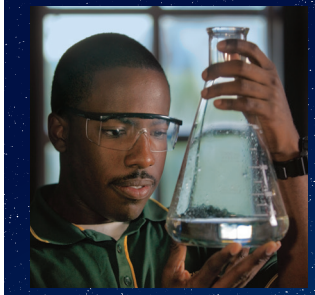

Fermentation Scientist

Skills Needed

- Microbiology
- Biochemistry
- Quality Control

Foundational SAE Ideas

Create a presentation or poster explaining the basics of fermentation and its applications in agriculture.

Research the educational requirements for becoming a fermentation scientist.

Immersion SAE Ideas

Start a business producing fermentation-based products, such as kombucha, yogurt or fermented vegetables.

Research how fermentation affects the nutritional content, flavor and safety of food products.

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Finished Goods Supervisor

Skills Needed

- Inventory Management
- Manufacturing Processes
- Safety Regulations

Foundational SAE Ideas

Research different career paths related to finished goods management.

Prepare a financial plan that includes education and training to be successful in this field.

Immersion SAE Ideas

Work for a manufacturing plant.

Develop a project in your agriculture department where students process and package agricultural products, such as canned goods or dried herbs.

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Flavor Technologist

Skills Needed

- Product Development
- Food Safety Regulations
- Sensory Evaluation

Foundational SAE Ideas

Research how different ingredients impact flavor profiles in foods and create a visual guide such as a poster or presentation.

Research average salaries for flavor technologists and create a financial plan for this career path.

Immersion SAE Ideas

Research how different flavor profiles affect consumer preferences.

Make and sell freeze-dried candy.

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Fleet Manager

Skills Needed

- Regulatory Compliance
- Leadership
- Communication

Foundational SAE Ideas

Create a basic checklist for routine vehicle maintenance tasks.

Create a resume and cover letter using the FFA Resume Generator.

Immersion SAE Ideas

Work at a dealership that sells agricultural equipment.

Develop a student-run service that rents out or manages agricultural equipment for school or community projects.

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Food Chain Outreach Coordinator

Skills Needed

- Communication
- Problem-Solving
- Collaboration

Foundational SAE Ideas

Identify the annual cost and total cost for the education you will need.

Identify certifications needed to be successful in this career.

Immersion SAE Ideas

Implement a farm-to-school program that connects local farms with the school cafeteria.

Start a farmers market in your local community.

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Food Production Supervisor

Skills Needed

- Food Manufacturing Processes
- Quality Control
- Safety Regulations

Foundational SAE Ideas

Develop a presentation or poster highlighting sustainable practices in food production.

Take a virtual tour of a food production facility and write a report on the different departments and roles within the plant.

Immersion SAE Ideas

Create a small-scale food processing facility in your agriculture department.

Start your own business producing and selling various food products.

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Food Safety/Quality Assurance Manager

Skills Needed

- Food Safety Regulations
- Quality Control
- Attention to Detail

Foundational SAE Ideas

Develop a basic manual outlining essential food safety procedures.

Develop a presentation on safety training for food handling and quality control.

Immersion SAE Ideas

Develop and teach educational lessons on food safety to elementary students.

Research different preservation methods and their effects on food safety.

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Food Scientist

Skills Needed

- Product Development
- Food Chemistry
- Sensory Evaluation

Foundational SAE Ideas

Shadow a food scientist in a research or industry setting.

Research and compile a list of scholarships and grants available for students pursuing a degree in food science.

Immersion SAE Ideas

Organize a food science fair at school where students can showcase the products they have created.

Research how different food processing methods affect the nutritional value of food products.

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Food Stylist

Skills Needed

- Photography and Styling
- Culinary Arts
- Knowledge of Food Trends

Foundational SAE Ideas

Research and present traditional food styling practices from different cultures and how they influence food presentation and photography.

Research and develop a financial plan for a freelance career in food styling.

Immersion SAE Ideas

Start a business offering food styling services for restaurants, food magazines and social media influencers.

Research how food presentation affects consumer perception and preference.

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Food Technologist

Skills Needed

- Food Processing
- Product Formulation
- Food Safety Protocols

Foundational SAE Ideas

Create a presentation on recent innovations in food technology.

Research and create a visual guide to different career pathways within food technology.

Immersion SAE Ideas

Start a food technology lab at school to experiment with food processing techniques, product development and quality testing.

Research how food technology affects the nutritional quality of food products.

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Forklift Operator

Skills Needed

- Safety Awareness
- Equipment Operation and Maintenance
- Loading and Unloading

Foundational SAE Ideas

Develop a report or infographic about the role of forklifts in agricultural warehouses.

Shadow a forklift operator in an agricultural setting to observe their work environment and responsibilities.

Immersion SAE Ideas

Work at a warehouse or distribution center.

Create and conduct farm safety workshops for elementary students.

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Formulator

Skills Needed

- Product Development
- Quality Control
- Manufacturing Processes

Foundational SAE Ideas

Create a presentation on a specific formulation process used in agriculture.

Develop a flowchart that outlines the process of formulating an agricultural product.

Immersion SAE Ideas

Develop and sell formulation kits that allow consumers to create their own products at home, such as bath bombs or lotions.

Research the role of specific ingredients in successful formulations.

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Freezer/Refrigeration Specialist

Skills Needed

- Troubleshooting and Repair
- Safety Awareness
- Equipment Maintenance

Foundational SAE Ideas

Research various roles within the refrigeration field.

Create a visual map of career pathways within the refrigeration industry, including entry-level positions, advanced roles and potential career advancements.

Immersion SAE Ideas

Work at a meat processing facility.

Research how temperature fluctuations in refrigeration affect food safety and quality.

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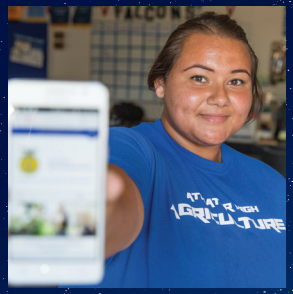

Graphic Designer

Skills Needed

- Creativity
- Attention to Detail
- Time Management

Foundational SAE Ideas

Create a series of posters for agricultural events or awareness campaigns.

Create a financial plan for pursuing a career in graphic design.

Immersion SAE Ideas

Manage the marketing and design posters for your local FFA chapter.

Take on a freelance graphic design project for a local agricultural business or organization.

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Harvester/Picker

Skills Needed

- Crop Identification
- Record Keeping
- Stamina

Foundational SAE Ideas

Create a step-by-step guide for harvesting various crops.

Research certifications related to equipment operation or safety.

Immersion SAE Ideas

Work for a local farming operation.

Work for an organic farm with high tunnels.

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Human Resources Generalist

Skills Needed

- Employee Relations
- Recruitment and Selection
- Performance Management

Foundational SAE Ideas

Research HR policies and procedures specific to agricultural organizations.

Research career paths within HR.

Immersion SAE Ideas

Design and conduct surveys to measure employee satisfaction in local organizations.

Work for an agricultural business in the HR department.

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Human Resources Manager

Skills Needed

- Strategic Planning
- Employment Law
- Leadership Development

Foundational SAE Ideas

Shadow an HR manager.

Create a financial plan based on projected income for an HR manager role.

Immersion SAE Ideas

Develop and implement HR strategies for organizing FFA events, including team roles, task management and communication plans.

Develop and promote a diversity and inclusion program in your FFA chapter.

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Information Technology (IT) Analyst

Skills Needed

- Data Analysis and Interpretation
- Network Security
- Database Management

Foundational SAE Ideas

Research and report on the role of IT in modern agriculture.

Shadow an IT analyst at a company that supports agricultural clients.

Immersion SAE Ideas

Intern with an IT consulting firm.

Program high technology equipment in your agriculture department.

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Information Technology (IT) App Developer

Skills Needed

- Programming Languages
- Problem-Solving
- Attention to Detail

Foundational SAE Ideas

Interview professional app developers who work in the agriculture sector.

Research relevant certifications in app development.

Immersion SAE Ideas

Intern with a company that develops apps for the agriculture sector.

Purchase, set up and manage a Farm Bot in your agriculture department.

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Information Technology (IT) Configurator

Skills Needed

- Software Installation
- Troubleshooting
- Attention to Detail

Foundational SAE Ideas

Identify certifications relevant to IT configuration.

Create a financial plan based on projected income from IT configuration roles.

Immersion SAE Ideas

Investigate how different IT configurations affect farm productivity.

Work for an agricultural business in the IT department.

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Information Technology (IT) Programmer

Skills Needed

- Database Management
- Proficiency in Programming Languages
- Problem-Solving

Foundational SAE Ideas

Research career paths in IT programming within agriculture.

Shadow a professional IT programmer working in agriculture.

Immersion SAE Ideas

Work for a company that develops software for agriculture.

Develop a software application for your school's farm.

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Information Technology (IT) Software Developer

Skills Needed

- Software Development
- Testing and Debugging
- Time Management

Foundational SAE Ideas

Research relevant certifications and degree programs in software development.

Research scholarship opportunities to help pay for higher education.

Immersion SAE Ideas

Work for a company that develops software specifically for agriculture.

Work for a local farm that uses modern farm equipment.

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Agriculture Legislative Assistant

Skills Needed

- Political Awareness
- Organization
- Teamwork

Foundational SAE Ideas

Participate in student government.

Develop research and analytical skills through debate clubs.

Immersion SAE Ideas

Study agricultural policies or legislation and prepare policy briefs or background reports.

Organize advocacy events or participate in lobbying efforts to promote agricultural interests.

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Information Technology (IT) Web Developer

Skills Needed

- Proficiency in Web Technologies
- Creativity
- Attention to Detail

Foundational SAE Ideas

Analyze websites of agricultural technology companies to understand common features and design elements.

Develop a financial plan for managing income from freelance web development work.

Immersion SAE Ideas

Create a website for the agriculture department and FFA chapter.

Manage a website for the agriculture department and FFA chapter.

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Intern

Skills Needed

- Software Proficiency
- Eagerness to Learn
- Time Management

Foundational SAE Ideas

Shadow different departments within an agricultural business.

Research internships available for high school and college students in your area of interest.

Immersion SAE Ideas

Work for a local agricultural business in multiple and diverse areas.

Work as a teacher's assistant for the agriculture department.

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Inventory/Stock Specialist

Skills Needed

- Inventory Management
- Warehouse Operations
- Attention to Detail

Foundational SAE Ideas

Research and document different inventory management systems used in agriculture.

Find certifications relevant to inventory management.

Immersion SAE Ideas

Work at a farm supply store.

Manage inventory and stock levels for your school's farm or garden, including tracking supplies and ordering materials.

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Laboratory Manager

Skills Needed

- Safety Awareness
- Equipment Calibration and Maintenance
- Problem-Solving

Foundational SAE Ideas

Practice common interview questions related to this career.

Study different types of laboratory equipment used in agricultural research.

Immersion SAE Ideas

Work at an agricultural research lab.

Conduct agriculture-related research projects in your agriculture department.

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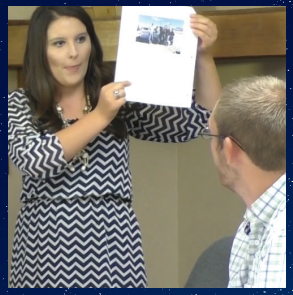

Logistics & Supply Chain Management/Director of Supply Chain

Skills Needed

- Supply Chain Strategy and Planning
- Logistics Coordination
- Relationship Building

Foundational SAE Ideas

Identify supply chain challenges in agriculture.

Interview a supply chain manager.

Immersion SAE Ideas

Research the impact of autonomous vehicles on logistics.

Organize a competition where students develop innovative solutions to real-world supply chain problems.

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Machine/Equipment Operator

Skills Needed

- Equipment Operation
- Safety Awareness
- Technical Aptitude

Foundational SAE Ideas

Complete a safety training program focused on operating agricultural machinery and equipment.

Create a checklist for daily machinery inspections and safety checks.

Immersion SAE Ideas

Operate equipment for a construction company that specializes in building agricultural facilities.

Organize an annual event at school focused on machinery safety.

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Meat Inspector

Skills Needed

- Food Safety Regulations
- Inspection Techniques
- Quality Assurance

Foundational SAE Ideas

Learn about the different cuts of meat products.

Study the different quality standards and grading systems used for meat products.

Immersion SAE Ideas

Work at a meat processing or packing plant.

Conduct workshops for community members about how to properly cook meat.

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Microbiologist

Skills Needed

- Identification and Classification
- Laboratory Techniques
- Molecular Biology

Foundational SAE Ideas

Research careers available in the microbiology field.

Research an agricultural issue that affects the microbiology field.

Immersion SAE Ideas

Research the role of microbes in soil fertility.

Grow and observe microbial cultures from various sources (e.g., soil, water, surfaces) in a classroom lab. Document growth patterns and characteristics.

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Mill Packer

Skills Needed

- Safety Awareness
- Documentation and Record Keeping
- Attention to Detail

Foundational SAE Ideas

Research different career paths within mill operations and packing.

Learn to manage personal finances including income and expenses based on potential salary and future expenses.

Immersion SAE Ideas

Research best practices for ensuring consistent flour quality during packaging.

Research different types of packaging materials for flour and their effects on product preservation and shelf life.

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Millwright

Skills Needed

- Welding and Fabrication
- Blueprint Reading
- Systems Installation and Maintenance

Foundational SAE Ideas

Research various career options within industrial maintenance.

Conduct a hazard assessment of your agricultural mechanics shop.

Immersion SAE Ideas

Research how regular maintenance and proper installation impact the efficiency and longevity of machinery.

Manage and maintain the equipment in your agricultural mechanics lab.

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Nutrient Management/Waste Management Specialist

Skills Needed

- Sampling and Analysis
- Sustainable Practices
- Analytical Skills

Foundational SAE Ideas

Create a career pathway map for nutrient and waste management.

Develop a savings plan to cover educational expenses.

Immersion SAE Ideas

Develop and sell DIY composting kits.

Manage the school garden's nutrient needs. Conduct soil testing, fertilization and composting activities.

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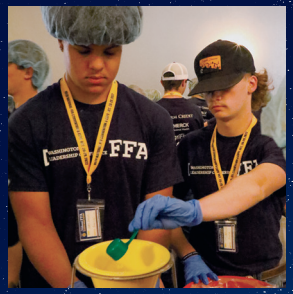

Nutritionist/Dietitian

Skills Needed

- Food Science and Nutrition Research
- Health and Wellness Education
- Empathy

Foundational SAE Ideas

Research and document the nutritional value of various crops and their impact on human health.

Create a career pathway map for nutritionists and dietitians.

Immersion SAE Ideas

Develop a service providing customized meal plans and nutrition advice.

Share tips, recipes and nutritional advice through a blog or social media.

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Occupational Health & Safety Manager

Skills Needed

- Safety Awareness
- Incident Investigation and Reporting
- Emergency Preparedness and Response

Foundational SAE Ideas

Create a presentation that highlights the role of safety managers in agriculture.

Develop a financial plan outlining the costs of obtaining necessary certifications and continuing education.

Immersion SAE Ideas

Design and conduct a research project on workplace safety issues.

Work for your agriculture department as the safety manager.

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Office Manager

Skills Needed

- Scheduling and Coordination
- Record Keeping
- Human Resources Management

Foundational SAE Ideas

Shadow an office manager at a local agricultural business.

Research and write a detailed report on the role of an office manager.

Immersion SAE Ideas

Work at a local agricultural business as an assistant to the office manager.

Work as a student office manager for a school club or department.

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Organizational Development Manager

Skills Needed

- Employee Relations
- Training and Development
- Collaboration

Foundational SAE Ideas

Design a vision board outlining your career goals and aspirations.

Perform a SWOT analysis (strengths, weaknesses, opportunities, threats) on yourself regarding your career goals.

Immersion SAE Ideas

Research and analyze the impact of organizational culture on employee satisfaction and productivity.

Work as an intern in the HR department of a local agricultural business.

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Originator

Skills Needed

- Knowledge of Financial Products
- Negotiation
- Persuasion

Foundational SAE Ideas

Create a report or presentation summarizing recent agricultural innovations and their impact on the industry.

Research careers available as an originator.

Immersion SAE Ideas

Develop a project to connect local farms with your school's cafeteria.

Start a subscription service that delivers local agricultural products to consumers.

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Packaging Engineer

Skills Needed

- Regulatory Compliance
- Problem-Solving
- Attention to Detail

Foundational SAE Ideas

Develop a simple project tracker to manage tasks and timelines.

Research and compare the costs of different packaging materials for a specific product.

Immersion SAE Ideas

Create a business focused on providing sustainable and eco-friendly packaging options.

Work at a facility that processes recyclable packaging materials.

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Packaging Manager

Skills Needed

- Operations Management
- Inventory Management
- Supply Chain Logistics

Foundational SAE Ideas

Investigate various roles within packaging management.

Create a poster that outlines the essential safety practices for working in the packaging industry.

Immersion SAE Ideas

Work for a distribution center.

Research and analyze different packaging methods and their efficiency.

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Payroll Administrator

Skills Needed

- Software Proficiency
- Accounting and Bookkeeping
- Confidentiality

Foundational SAE Ideas

Create a poster about the importance of keeping payroll information secure.

Research potential pathways for becoming a payroll administrator.

Immersion SAE Ideas

Intern at a local agricultural business in the HR department.

Manage the FFA chapter's finances.

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Plant Operator

Skills Needed

- Production Efficiency
- Troubleshooting
- Equipment Operation and Maintenance

Foundational SAE Ideas

Research and create a flowchart that maps out the steps in a specific plant operation.

Tour an agricultural production plant.

Immersion SAE Ideas

Create detailed guides or manuals for operating common equipment.

Work at a food processing facility.

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Policy Analyst

Skills Needed

- Data Collection and Interpretation
- Legislative Knowledge
- Relationship Building

Foundational SAE Ideas

Research a current agricultural or environmental policy issue.

Draft a mock proposal for a new policy or a policy change in an area of interest.

Immersion SAE Ideas

Intern with a government agency.

Start a blog that analyzes current agricultural or environmental policies.

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Office Manager

Skills Needed

- Scheduling and Coordination
- Record Keeping
- Human Resources Management

Foundational SAE Ideas

Shadow an office manager at a local agricultural business.

Research and write a detailed report on the role of an office manager.

Immersion SAE Ideas

Work at a local agricultural business as an assistant to the office manager.

Work as a student office manager for a school club or department.

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Skills Needed

- Employee Relations
- Training and Development
- Collaboration

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Design a vision board outlining your career goals and aspirations.

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Skills Needed

- Knowledge of Financial Products
- Negotiation
- Persuasion

Foundational SAE Ideas

Create a report or presentation summarizing recent agricultural innovations and their impact on the industry.

Research careers available as an originator.

Immersion SAE Ideas

Develop a project to connect local farms with your school's cafeteria.

Start a subscription service that delivers local agricultural products to consumers.

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Packaging Engineer

Skills Needed

- Regulatory Compliance
- Problem-Solving
- Attention to Detail

Foundational SAE Ideas

Develop a simple project tracker to manage tasks and timelines.

Research and compare the costs of different packaging materials for a specific product.

Immersion SAE Ideas

Create a business focused on providing sustainable and eco-friendly packaging options.

Work at a facility that processes recyclable packaging materials.

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Packaging Manager

Skills Needed

- Operations Management
- Inventory Management
- Supply Chain Logistics

Foundational SAE Ideas

Investigate various roles within packaging management.

Create a poster that outlines the essential safety practices for working in the packaging industry.

Immersion SAE Ideas

Work for a distribution center.

Research and analyze different packaging methods and their efficiency.

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Payroll Administrator

Skills Needed

- Software Proficiency
- Accounting and Bookkeeping
- Confidentiality

Foundational SAE Ideas

Create a poster about the importance of keeping payroll information secure.

Research potential pathways for becoming a payroll administrator.

Immersion SAE Ideas

Intern at a local agricultural business in the HR department.

Manage the FFA chapter's finances.

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Plant Operator

Skills Needed

- Production Efficiency
- Troubleshooting
- Equipment Operation and Maintenance

Foundational SAE Ideas

Research and create a flowchart that maps out the steps in a specific plant operation.

Tour an agricultural production plant.

Immersion SAE Ideas

Create detailed guides or manuals for operating common equipment.

Work at a food processing facility.

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Policy Analyst

Skills Needed

- Data Collection and Interpretation
- Legislative Knowledge
- Relationship Building

Foundational SAE Ideas

Research a current agricultural or environmental policy issue.

Draft a mock proposal for a new policy or a policy change in an area of interest.

Immersion SAE Ideas

Intern with a government agency.

Start a blog that analyzes current agricultural or environmental policies.

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Port Terminal Manager

Skills Needed

- Logistics and Supply Chain Management
- Safety Awareness
- Team Building

Foundational SAE Ideas

Create a professional resume and cover letter tailored for a desired career.

Learn basic financial terms and apply them to a personal budget.

Immersion SAE Ideas

Work for a shipping company.

Research the environmental impact of port terminal activities.

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Pressure Washer Operator

Skills Needed

- Equipment Operation
- Cleaning and Sanitation
- Attention to Detail

Foundational SAE Ideas

Learn about different types of pressure washing equipment, including their uses and maintenance requirements.

Learn how pressure washing is used in agricultural settings.

Immersion SAE Ideas

Work with pressure washing equipment, facilities or machinery on a farm.

Start a pressure washing business.

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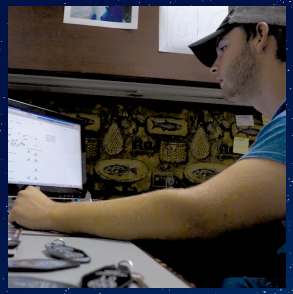

Pricing Coordinator

Skills Needed

- Pricing Software
- Financial Analysis
- Analytical Skills

Foundational SAE Ideas

Practice creating and managing spreadsheets, analyzing data and performing basic financial calculations.

Research best practices for managing and securing financial and pricing data.

Immersion SAE Ideas

Work in the marketing department of an agricultural business.

Research how pricing strategies vary across different industries and their impact on sales and profitability.

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Process/Continuous Improvement Manager

Skills Needed

- Project Management
- Data Analysis
- Leadership

Foundational SAE Ideas

Develop a report on process improvement strategies used in agriculture.

Research various career opportunities related to process improvement and management.

Immersion SAE Ideas

Develop a detailed improvement plan for an FFA activity or event.

Intern with a logistics or supply chain company.

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Process Engineer

Skills Needed

- Process Design and Optimization
- Safety Awareness
- Adaptability

Foundational SAE Ideas

Research various specializations within the field of process engineering.

Create a plan outlining the steps required to become a process engineer.

Immersion SAE Ideas

Work at an agricultural manufacturing company.

Organize and compete in a school-based engineering fair.

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Procurement Specialist

Skills Needed

- Contract Management
- Inventory Control
- Supply Chain Logistics

Foundational SAE Ideas

Create a basic budget for a small project or event.

Take a trip to a local farm or nursery to see how they manage their supplies and procurement.

Immersion SAE Ideas

Manage the procurement process for an FFA event or fundraiser.

Intern in the purchasing department of an agricultural business.

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Produce Buyer

Skills Needed

- Market Analysis
- Inventory Management
- Relationship Building

Foundational SAE Ideas

Practice writing and sending professional emails.

Develop a simple guide that outlines what to look for when buying different types of produce.

Immersion SAE Ideas

Work at a local grocery store.

Research consumer produce preferences and how these trends impact buying decisions.

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Produce Inspector

Skills Needed

- Grading Standards and Procedures
- Product Knowledge
- Report Writing

Foundational SAE Ideas

Investigate what a career as a produce inspector entails.

Research what training and education is required for a produce inspector.

Immersion SAE Ideas

Work with a local grocery store to conduct research about how the quality of produce affects consumer satisfaction and purchasing behavior.

Investigate how factors such as temperature, humidity and storage conditions affect the quality of produce.

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Product Development Food Scientist

Skills Needed

- Food Chemistry
- Food Processing
- Food Safety Protocols

Foundational SAE Ideas

Research a specific aspect of food science.

Research and understand basic safety practices in food labs.

Immersion SAE Ideas

Work at a food manufacturing company.

Develop and sell your own food product.

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Product Development Manager/Demand Planner

Skills Needed

- Marker
- Project Management
- Demand Forecasting

Foundational SAE Ideas

Investigate various agricultural products and their development processes.

Tour a food processing plant.

Immersion SAE Ideas

Research how seasonal factors influence product demand at local farmers markets.

Develop a new product for an FFA event or fundraiser.

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Production Lead

Skills Needed

- Team Supervision
- Safety Awareness
- Production Scheduling and Coordination

Foundational SAE Ideas

Shadow a production lead at a local agricultural business.

Research safety protocols relevant to production environments.

Immersion SAE Ideas

Work at a manufacturing or production facility.

Develop and manage a production-based small business.

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Production Manager

Skills Needed

- Facility Layout and Design
- Budgeting
- Problem-Solving

Foundational SAE Ideas

Take a tour of a local farm or agricultural facility to see how production is managed.

Observe and document safety practices during a visit to a local farm or production facility.

Immersion SAE Ideas

Work at an agricultural production facility.

Manage an agricultural business in your agriculture department.

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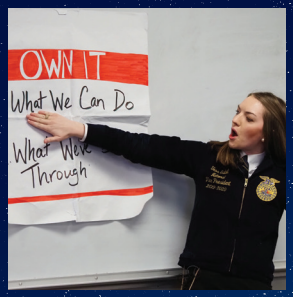

Public Relations Specialist

Skills Needed

- Media Relations
- Content Creation
- Crisis Management

Foundational SAE Ideas

Practice writing press releases for fictional or real events.

Research common PR challenges faced by agricultural businesses.

Immersion SAE Ideas

Create and manage a public relations campaign for an FFA event or initiative.

Work for a local radio station.

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Quality Assurance Auditor

Skills Needed

- Auditing
- Regulatory Compliance
- Data Analysis

Foundational SAE Ideas

Research how agriculture issues affect this career.

Assess the safety measures in place in your agriculture department.

Immersion SAE Ideas

Intern with the quality assurance department of an agricultural business.

Intern as an inspector for the agriculture department.

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Quality Assurance Manager

Skills Needed

- Audit Management
- Training and Development
- Decision-Making

Foundational SAE Ideas

Develop a resume that highlights your skills, experiences and achievements.

Take on a leadership role in a school club or community group and relate those skills to the skills needed in this career field.

Immersion SAE Ideas

Work at a food processing plant.

Manage a quality assurance program for a school store or concession stand.

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Quality Control Technician

Skills Needed

- Testing and Inspection Methods
- Equipment Calibration and Maintenance
- Documentation

Foundational SAE Ideas

Research how quality control is applied in agriculture.

Develop a checklist for inspecting agricultural products.

Immersion SAE Ideas

Work at an agricultural processing facility.

Conduct a research project about how quality control processes influence customer satisfaction and retention.

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Receptionist

Skills Needed

- Calendar Management
- Office Equipment Operation
- Software Knowledge

Foundational SAE Ideas

Develop a resume highlighting skills relevant to being a receptionist, such as communication, organization and customer service.

Research ergonomic best practices for a receptionist's workstation.

Immersion SAE Ideas

Work at a local farm supply store.

Work at an agricultural nonprofit in your area.

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Regulatory Scientist

Skills Needed

- Data Analysis and Interpretation
- Technical Writing
- Attention to Detail

Foundational SAE Ideas

Research current trends in agricultural regulations.

Tour an agricultural research facility or extension office.

Immersion SAE Ideas

Research how changes in regulations affect agricultural practices and develop presentations to educate the public.

Oversee a compliance project for a school farm or garden, ensuring it adheres to relevant regulations or best practices.

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Research and Development Manager

Skills Needed

- Team Supervision
- Collaboration
- Leadership

Foundational SAE Ideas

Research recent innovations in agriculture.

Develop a plan outlining the steps to become a research and development manager.

Immersion SAE Ideas

Research how new technologies, such as drones, sensors or biotechnology, are affecting farming practices and develop presentations to educate the public.

Create a prototype for a new agricultural tool or device.

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Research and Development Technician

Skills Needed

- Laboratory Skills
- Data Collection and Analysis
- Safety and Compliance Standards

Foundational SAE Ideas

Research different types of PPE used in laboratory settings.

Research certification programs relevant to R&D technicians.

Immersion SAE Ideas

Work at an agricultural research lab.

Host an annual science fair at your school focused on research and development in agriculture.

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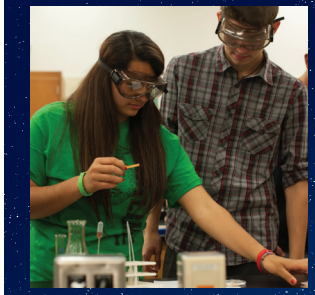

Research Associate

Skills Needed

- Research Skills
- Writing
- Statistical Analysis

Foundational SAE Ideas

Develop a presentation on a research topic or a project you have worked on.

Perform a basic safety inspection of your school's agricultural science lab.

Immersion SAE Ideas

Develop a research-based agricultural product.

Conduct research on the effectiveness of sustainable farming practices.

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Research Scientist

Skills Needed

- Advanced Research Techniques
- Grant Proposal Writing
- Knowledge in Field of Study

Foundational SAE Ideas

Create a budget for a hypothetical research project.

Research the effects of genetically modified crops on agiculture.

Immersion SAE Ideas

Launch a blog or podcast focused on agricultural research.

Create educational resources that explain a key agricultural concept or practice.

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Research Station Manager

Skills Needed

- Project Coordination
- Budgeting
- Teamwork

Foundational SAE Ideas

Visit a local agricultural research station or facility.

Design educational posters about safety practices in a research environment.

Immersion SAE Ideas

Oversee a research project within your school's agriculture program.

Work at your local agricultural research station.

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Research Technician

Skills Needed

- Laboratory Skills
- Equipment Operation and Maintenance
- Data Collection

Foundational SAE Ideas

Create and deliver a presentation on a research topic you are interested in.

Research and propose cost-effective alternatives for common research supplies or equipment. Compare the pros and cons of different options.

Immersion SAE Ideas

Launch a blog or YouTube channel focused on agricultural research. Share insights into research techniques, equipment reviews and the latest advancements in the field.

Research how various soil amendments affect crop growth and soil health.

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Safety Director

Skills Needed

- Incident Reporting
- Emergency Response
- Risk Management

Foundational SAE Ideas

Create a presentation on workplace safety topics.

Perform a safety audit of your agriculture department. Identify potential hazards and recommend improvements to enhance safety practices.

Immersion SAE Ideas

Host an annual farm safety day for elementary students.

Work as a safety director for your agricultural education department.

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Sales Representative: Food, Seed, Feed, Fuel

Skills Needed

- Product Knowledge
- Sales Techniques and Strategies
- Customer Relationship Management

Foundational SAE Ideas

Create a brochure promoting an agricultural product.

Study current trends in the food, seed, feed or fuel sectors.

Immersion SAE Ideas

Organize an annual school event or fair showcasing different agricultural products.

Intern with a seed company.

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Sales Trainer

Skills Needed

- Sales
- Product Knowledge
- Presentation and Facilitation

Foundational SAE Ideas

Identify key skills needed for your career interest and create a plan to develop these skills.

Shadow an agricultural salesperson.

Immersion SAE Ideas

Develop and manage the FFA chapter fundraisers and train fellow members how to sell.

Manage a school store where you sell items to students.

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Sanitation Coordinator

Skills Needed

- Safety Compliance
- Cleaning and Sanitation
- Documentation

Foundational SAE Ideas

Explore various career opportunities related to sanitation.

Choose a specific audience and develop and distribute educational materials on sanitation practices.

Immersion SAE Ideas

Conduct a study to determine the effectiveness of different disinfectants on various surfaces.

Assist in a greenhouse by cleaning and maintaining plant growing areas.

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Scheduler

Skills Needed

- Time Management
- Planning
- Prioritization

Foundational SAE Ideas

Investigate how various scheduling software tools are used in agricultural settings.

Research how scheduling impacts various agricultural operations.

Immersion SAE Ideas

Assist a teacher with scheduling classroom activities, managing assignments and coordinating student projects.

Work in a manufacturing or processing facility.

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Seed Production Technician

Skills Needed

- Seed Processing and Handling
- Equipment Operation and Maintenance
- Record Keeping

Foundational SAE Ideas

Develop an informational guide detailing various seed varieties, their characteristics and their uses in different agricultural applications.

Investigate various career paths within seed production.

Immersion SAE Ideas

Research different seed varieties to determine their performance under various growing conditions.

Assist in an agricultural science class by helping with seed-related experiments and demonstrations.

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Shift Manager

Skills Needed

- Scheduling and Coordination
- Staff Supervision and Training
- Inventory Management

Foundational SAE Ideas

Practice writing incident reports for hypothetical workplace accidents.

Create and follow a time management plan.

Immersion SAE Ideas

Organize and manage a temporary retail space or pop-up shop.

Manage shifts for an FFA activity or fundraiser.

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Shipping Coordinator

Skills Needed

- Logistics and Supply Chain Management
- Inventory Management
- Attention to Detail

Foundational SAE Ideas

Research and analyze shipping costs for different types of agricultural products.

Learn about proper lifting techniques and ergonomics to prevent injuries during shipping tasks.

Immersion SAE Ideas

Develop a business that provides customized packaging solutions for agricultural products.

Start a delivery service for local farmers, handling the logistics of getting fresh produce from farms to local markets or customers.

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Slaughter Processor - Deboning

Skills Needed

- Meat Cutting
- Food Safety and Sanitation
- Quality Inspection and Grading

Foundational SAE Ideas

Research and present on the different steps in meat processing.

Create a report on the specific deboning techniques and challenges for different types of meat.

Immersion SAE Ideas

Conduct research on consumer preferences for meat products.

Conduct meat processing workshops for community members.

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Slaughter Processor - General Operator

Skills Needed

- Equipment Operation
- Food Safety and Sanitation
- Quality Control

Foundational SAE Ideas

Tour the meat department at a local grocery store.

Study and summarize animal welfare standards and practices in slaughter processing to ensure humane treatment.

Immersion SAE Ideas

Work as an assistant in a meat processing plant.

Develop a line of specialty meat products and sell them at farmers markets.

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Slaughter Processor- Hanger/ Loader

Skills Needed

- Animal Handling
- Safety Awareness
- Food Safety Protocols

Foundational SAE Ideas

Develop a presentation on proper techniques for hanging and loading carcasses.

Research educational and certification requirements for advanced roles in meat processing.

Immersion SAE Ideas

Create and sell a DIY guide or online course for basic home meat-processing techniques.

Start a small business renting out basic meat-processing equipment for home use.

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Slaughter Processor - Packing/Scales

Skills Needed

- Packing and Weighing
- Efficiency
- Stamina

Foundational SAE Ideas

Research various career paths within the meat processing industry.

Explore sustainable practices in meat packing.

Immersion SAE Ideas

Research how various packaging materials affect the shelf life and quality of meat products.

Start your own business designing innovative packaging for meat products.

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Slaughter Processor - Trimming/Cutting

Skills Needed

- Meat Cutting
- Knife Handling and Safety
- Quality Control

Foundational SAE Ideas

Study and analyze how different cutting techniques impact the yield and quality of meat products.

Investigate the regulatory standards for meat cutting.

Immersion SAE Ideas

Start a mobile meat cutting unit in your agriculture department.

Research how different cutting techniques affect the quality and tenderness of meat.

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Social Media Strategist

Skills Needed

- Social Media Knowledge
- Creativity
- Analytical Skills

Foundational SAE Ideas

Analyze the social media strategy of an agricultural company.

Develop strategies for managing and responding to online harassment or negative comments while maintaining a professional image.

Immersion SAE Ideas

Assist an agricultural business or organization with their social media accounts.

Create and run social media campaigns to raise awareness about local community issues or events.

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Sorter

Skills Needed

- Equipment Operation
- Efficiency
- Stamina

Foundational SAE Ideas

Create a flow chart of the sorting process for a specific product or material.

Learn about different sorting criteria used in agriculture.

Immersion SAE Ideas

Work at a facility that packs fruits for distribution.

Work at a recycling center by sorting recyclable materials.

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Storage and Hygiene Coordinator

Skills Needed

- Hygiene and Sanitation
- Quality Control
- Organization

Foundational SAE Ideas

Explore educational requirements and certifications needed for a storage and hygiene coordinator.

Study the specific storage needs of different agricultural products.

Immersion SAE Ideas

Research and compare the effectiveness of different fumigation methods for controlling pests in stored grains.

Work for an elevator or other grain storage facility.

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Supply Chain Manager

Skills Needed

- Inventory Management
- Demand Planning
- Logistics

Foundational SAE Ideas

Study the supply chain processes specific to agriculture and make a poster.

Learn about the regulations and compliance standards affecting agricultural supply chains.

Immersion SAE Ideas

Work as a warehouse assistant.

Help manage the logistics and supply chain processes for distributing food to local communities.

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Sustainability Manager

Skills Needed

- Report Writing
- Environmental Stewardship
- Passion for Sustainability

Foundational SAE Ideas

Study sustainable agricultural practices and how they contribute to environmental conservation and efficiency.

Shadow a sustainability manager or professional.

Immersion SAE Ideas

Develop a line of products made from sustainable materials or using eco-friendly processes, such as reusable bags or biodegradable containers.

Start a landscaping business that uses sustainable practices.

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Sustainability Specialist

Skills Needed

- Knowledge of Sustainable Agriculture Practices
- Analytical Thinking
- Collaboration

Foundational SAE Ideas

Visit farms that implement sustainable practices.

Research various roles within sustainability, and create a project or presentation about different career paths and required qualifications.

Immersion SAE Ideas

Start a community recycling program.

Host workshops for community members about sustainable practices.

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Systems Administrator

Skills Needed

- Operating Systems
- Server Administration
- Troubleshooting

Foundational SAE Ideas

Prepare a professional resume and practice interview techniques.

Research emerging technology trends in agriculture.

Immersion SAE Ideas

Intern at an IT services company specializing in agriculture.

Utilize and manage software for monitoring plans in your agriculture department greenhouse or garden.

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Trade Manager

Skills Needed

- Supply Chain Management
- Market Analysis
- Negotiation

Foundational SAE Ideas

Study international trade laws and trade agreements and how they impact the agriculture industry.

Complete the FAFSA to help pay for higher education.

Immersion SAE Ideas

Intern in the trade department of a local agricultural business.

Collaborate with economics or business teachers to establish a student-run international trade simulation.

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Transportation Manager

Skills Needed

- Budgeting
- Logistics Coordination
- Fleet Management

Foundational SAE Ideas

Study transportation regulations and safety protocols.

Job shadow a transportation manager at a logistics company or transportation hub.

Immersion SAE Ideas

Conduct a research project on emerging trends in transportation technology (e.g., electric vehicles, autonomous vehicles).

Intern at an agricultural transportation company or logistics firm.

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Viticulturist

Skills Needed

- Pest and Disease Management
- Problem-Solving
- Industry Knowledge

Foundational SAE Ideas

Study vineyard safety practices, pesticide application regulations and sustainable farming methods.

Research how agricultural issues affect viticulture.

Immersion SAE Ideas

Conduct a research project on vineyard management practices (e.g., cover cropping, irrigation techniques).

Collaborate with agriculture teachers to establish a school vineyard project.

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Warehouse/Facility Manager

Skills Needed

- Inventory Management
- Budgeting
- Warehouse Operations

Foundational SAE Ideas

Determine what safety certifications are required for a warehouse/facility manager.

Create a personal budget to manage income and track expenses.

Immersion SAE Ideas

Work at a warehouse or distribution center.

Volunteer to organize and manage warehouse logistics for disaster relief efforts or nonprofit organizations.

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Weighbridge/Receivable Associate

Skills Needed

- Safety Procedures
- Documentation and Record Keeping
- Software Knowledge

Foundational SAE Ideas

Create a budget for obtaining a certification in weighbridge operation.

Create a personal budget to manage income and track expenses.

Immersion SAE Ideas

Work at a regional distribution center or logistics company.

Conduct a research project on improving weighbridge efficiency through the implementation of automated data collection systems.

FFA