

Horticulture Science
Michigan Pathway: Natural Resources and Agriscience

Sample Objectives or Career Goal:

Agricultural Sciences/Technicians/Teachers, Floral Assistant/Managers/Designers, Grocery/Retail Floral, Nursery and Greenhouse Managers, Farm and Ranch Manager, Landscaping and Grounds Workers, Soil and Plant Scientists, Pesticide Handlers, Forestry and Conservation Specialists.

Ideas for Qualifications Summary Bullets Example 1:

- Talented and resourceful floral designer with two years working knowledge creating new ideas for floral design.
- Active Future Farmers of America member for over two years.
- Solid foundation for floral design and plant care.
- Excellent leadership skills working with younger floral students and FFA members.
- Produces professional-grade, eye-catching floral displays in a timely and efficient manner.
- Attention to detail and strong organizational skills.

Ideas for Qualifications Summary Paragraph Example 2:

Creatively gifted and resourceful landscape nursery worker with more than two years experience planting, tending and selling plants and trees. Possess strong working knowledge in running daily operations and greenhouse maintenance. Displays exceptional interpersonal skills, is team-oriented, and accustomed to performing in deadline-driven environments.

Ideas for Skills and Responsibilities:

Use an Action Verb in Front of these statements:

Customer Service Skills:

- Greet potential customers in a friendly encouraging manner.
- Service and customer oriented.
- Knowledge of principles and methods for showing, promoting, and selling products or services.
- Attention to detail and strong organizational skills.
- Works well with coworkers and displays excellent client service skills.

Floral Care and Design Skills:

- Prepare floral orders according to customers specific instructions.
- Prepare flowers from warehouse for cooler storage.
- Identify common flowers and foliage used in floral designs.
- Apply design principles for floral and plant arrangements.
- Wire and tape flowers for use in corsages, boutonnieres, and floral arrangements.
- Proficient at pinch and tailored bows, using both satin and wire ribbon of various sizes.
- Make corsage for formal and informal events including attachment of design accessories, ribbon, tulle, and pinch bows.
- Make floral centerpieces using copy design technique.
- Assist other students with care of flowers.
- Create new ideas for floral designs.
- Create seasonal displays for display windows.
- Use ribbons, accessories, beads, gems, tulle, ribbon, bows and other accessories in arrangements for improved design styles.
- Design a glue corsage.
- Proper use and display of artificial flowers in arrangements.
- Create holiday designs, using fresh Christmas greens.
- Wrap flowers for customers orders.
- Paint flowers by tipping or painting designs.
- Price floral design pieces using standard cost specifications.
- Properly package flowers and plants to protect them from damage for customers.
- Maintain facilities and equipment in the floral shop for optimal operations.
- Take orders for wedding flowers, and design bouquets and corsages
- Design and build balloon arches and structures for events.

Safety and Technical Skills:

- Practice and maintain safety standards in the floral shop and greenhouse.
- Ability to practice various plant propagation methods, including cuttings, separation, division, layering and seeds.
- Skilled at integrated pest management (IPM) including: Insect, weed, and fungus identification, weed control, beneficial and harmful insects, cultural and biological controls.
clean, maintain, and safely handle tools, and equipment.
- Design and build a aquaponics system that maintains zero ammonia levels, and keeps water clear.
- Design hydroponic systems using flood, mist and aeroponic design features.
- Test water for aqua-ponics system and make necessary adjustments to correct problems.
- Design pond system using water plants, fish, and waterfalls while incorporating natural features.
- Maintain tilapia system, including proper nutrition, breeding and growth habits.

Green House and Plant Care:

- Properly care for plants on a daily basis, including determining watering, light, and temperature requirements.
- Prune house plants for proper growth habits and health of plant.
- Feed, care, maintain, and harvest vermin-composting system.
- Completed tissue culture with Venus fly traps.
- Maintain cuttings on misting bench and determine appropriate time when they should be transplanted.
- Transfer flower plugs to four-packs or hanging baskets for sale.
- Prepare soil for outdoor garden.
- Build cold frames for early and late vegetable plantings.
- Design and build small cold frames using available materials.
- Cross-pollinate flowers and maintain records to document progress in a breeding program.
- Prune plants and roots for desired growth patterns.
- Graft plants to take advantage of plants positive features.
- Harvest lettuce, herbs and other vegetables for student operated greenhouse.

Personal Management Skills:

- Strong communication, leadership, management and problem solving skills.
- Focused, and able to work with minimal supervision.
- Detail oriented, self motivated work style; proven ability to master new skills quickly and efficiently.
- Motivated and willing to work hard to get the job done.
- Computer skills: MS Office Suite, AutoCAD, Timberline and Prolog.
- Adaptable to different situations in order to learn new skills.
- Self motivated, detail-oriented with proven task prioritizing skills.
- Highly developed work ethic, including exemplary attendance record.

More Advanced Horticulture Science Skills:

- Managed the Flower Pot at Pankow as lead designer for 13 months. Skills include designing various floral pieces such as weddings, sympathy pieces, table center designs, and all flowers to wear.
- Placed third on the Pankow FFA Michigan Floral Certification Team.
- Works well under pressure and excellent time management skills.
- Efficient customer service skills such as answering phones, customer orders, and dealing with wholesalers.
- Creative skills including window display designs, balloon arch design, and original floral works.
- Superior knowledge on the care, handling and identification of common flowers, foliage, and plants used in floral designs.
- Practice and maintain safety standards in the flower shop and greenhouse environment.
- Able to capture and create professional grade, eye-catching floral displays according to the customer's needs.
- Consistently recognized by instructor for designing fresh and innovative ideas and applications.

You may choose to list your specific technical skills on your resume in a bullet section as demonstrated below:

Skills:

Floral Design

- Floral Arrangements
- Corsages/ Boutonnieres
- Wedding Planning
- Balloon Arches/Event Structures Seasonal
- Bouquets
- Displays

Greenhouse

- Pinch and Tailored Bows
- Cross Pollination
- Hydroponics Cultivation
- Designs Aqua-ponics System
- Propagation Methods
- Pest Management

Customer Service

- Customer oriented
- Team Player
- Problem Solver
- Planning and Organizing
- Fast and Efficient
- Attention to Detail