

## **Work Experience**

### **Teacher's Assistant: Dendrology (Fall 2019) & Plant Propagation (Spring 2020)**

- Independently taught a 3 hour Dendrology lab to a group of 8 students
  - o Educated students to identify trees using multiple characteristics, giving them confidence to diagnose a species in any season
  - o Coordinated grading and labs with 2 other teaching assistants in the same lab session
- Assisted in teaching a plant propagation class
  - o Helped students during lab and class to understand major concepts and techniques

### **Research Experience in Mycology with Dr. Alex Weir (Spring 2019)**

- Wrote detailed descriptions of fungi from the order Laboulbeniales in a format appropriate for publication
- Illustrated the male and female of all 5 species

### **Bowman's Hill Wildflower Preserve: Horticultural Intern (May 2019 – August 2019)**

- Designed a summer-long project to test alternatives to using plastic pots for plants on the sales floor
  - o Experimented with 3 brands of biodegradable "plantable pots" that can be transplanted intact with the plant
  - o Wrote a 4-part blog, accompanied by original illustrations, to educate members and visitors of the Preserve on the importance of sustainability
- Worked with volunteers of various age groups
- Advised customers on the sales floor about gardening with native plants
- Propagated plants by cuttings (by leaves and stems), division and seeds, in addition to preparing correct soil mixes depending on the needs of the species
- Potted and re-potted plants into containers appropriate for the species' growth habit to maximize productivity
- Gained experience in invasive species mitigation and preserving growth and diversity of native plants
- Planned greenhouse production in accordance with needs on the sales floor

### **Buttermilk Falls Inn & Spa: Grounds worker (May 2018 – August 2018)**

- Maintained ornamental plants, trees, and shrubs through tasks such as watering, trimming, herbicide and pesticide spraying, mulching, pruning, and cultivation
- Assisted in planting, maintaining, and harvesting an organic vegetable garden
- Completed tasks both independently and in cooperative environments
- Cared for a variety of farm animals, including chickens, peacocks, llamas, goats and sheep
- Learned to identify a plethora of native, invasive, and ornamental plant species
- Designed bouquets for events

### **Barnes and Noble: Café Barista (June 2015 – December 2018)**

- Won employee of the month for excellent customer service
- Connected with customers through friendly interaction in order to create a comfortable environment
- Mastered upselling for increasing sales
- Learned to stock and display merchandise in an appealing manner
- Built positive teamwork skills through clear communication with coworkers and management
- Trained new employees in a clear and encouraging manner
- Experience with a point-of-service (POS) computer system for taking orders and processing transactions

## **Education**

### **State University of New York for Environmental Science and Forestry**

Syracuse, NY; Graduated in May 2020

- Major: Environmental Biology with supplemental classwork in illustration
- Received the Chun Wang award for outstanding scholarship
- 18 credits in horticulture and related topics
- President's List Student

## **Supplementary Skills**

- Ecological measuring techniques in the field including YSI, transects, and prism sampling
- Use of navigation instruments including handheld GPS and compass
- Microsoft Office, especially Word (intermediate) and Excel (intermediate)
- Adobe Photoshop (advanced) and Illustrator (advanced)
- Scientific illustration: rendering biological objects and figures in ink, graphite, and other media
- Capable of operating basic machinery such as chainsaws and skid-steer loaders
- Can drive manual transmission vehicles
- Excellent customer service

## **Extracurricular Activities**

### **SUNY ESF Art Club - Co-President**

September 2018 – December 2019

- Attendance provided opportunities to contribute to enriching the ESF college experience for students through artistic expression

### **Plant Propagation Club (at SUNY ESF) - Member**

September 2017 – December 2017

- Participated in various activities that educated members on a range of techniques used for the successful sexual and asexual reproduction of plants

### **Clark Reservation State Park - Volunteer**

September 2018 – November 2018

- Assisted, on a weekly basis, with the maintenance of a nature garden featuring native plant species
- Aided with an educational walk that informed participants how to use the iMapInvasives application, a tool used by researchers at SUNY ESF for the categorization and mapping of invasive species

### **Baltimore Woods Nature Center - Volunteer**

October 2018 – November 2018

- Worked with a SUNY ESF professor, Gregory McGee, on the Baltimore Woods Restoration Project, an ongoing effort to restore the native plant population of the park
- Assisted with the art gallery on location, which promotes an appreciation for nature from works of art

### **Society for Conservation Biology - Volunteer**

April 2018 & 2019

- Contributed artwork to the annual art symposium that raised funds to donate to the Onondaga Environmental Institute