

DANIEL HARMON

Tucson, AZ | danielharmon@email.arizona.edu | Cell: 520-404-4538

Senior sustainable plant systems student with an abiding interest in urban agriculture | *My focus is in controlled environment systems and am currently learning in depth about hydroponic growing methods and integrated pest management this semester.*

Education:

Washington State University

2015-2017

Pullman, WA

Viticulture and Enology Major

University of Arizona

2017-Current

Tucson, AZ

Bachelor of Science in Sustainable Plant Systems

- *Specialization in Controlled Environment Agriculture*
- *Graduate May 2020*

Experience:

Weight Room Monitor | U of A Campus Recreation Center
Tucson, AZ

Jan. to May 2019

- Patrolled weight room and enforced Campus Recreation policies
- Oversaw the equipment checkout desk
- Provided a CPR/First Aid certified presence to Campus Recreation patrons

Research Position | U of A Campus Arboretum
Tucson, AZ

Aug. to Dec. 2018

- Researched information on characteristics, geographic origin, natural history, and many other details about each plant species present on the campus and updated the online records on the Campus Arboretum website.
- Wrote two research papers on proper planting methods and irrigating landscape plants in desert environments. These articles are published on the U of A Campus Arboretum website.

Plant Technician | Internship at the U of A

Aug. to Dec. 2019

Tucson, AZ

- Working with Dr. Stacy Tollefson in the rooftop greenhouse at the University of Arizona Student Union.

- Maintaining a crop of forty-eight cherry tomato vines grown hydroponically with rock wool and a top-drip irrigation system.
- Perform measurements of EC and pH on the nutrient solutions utilized for the nutrition of the various crops in the greenhouse.

Plant Technician | Student Worker at the U of A

Jan. 2020 to Current

Tucson, AZ

- Continuation of my work for Dr. Stacy Tollefson with a paid position and more responsibilities.
- Worked at the Student Union Rooftop Greenhouse and two greenhouses at the University of Arizona Controlled Environment Agriculture Center.
- At these greenhouses I maintain multiple crops of cherry tomatoes, beefsteak tomatoes, baby cucumbers and bell peppers; perform EC and pH measurements on three separate hydroponic systems; calculate and mix nutrient recipes; and practice methods of integrated pest management.