
Edward Chiurco

Horticulturist, *ISA Certified Arborist*

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EDUCATION

University of California, Davis - *M.S. Horticulture and Agronomy*

MAY 2019

- Developed growing techniques for hydroponic citrus nursery trees in controlled environments to prevent the potential spread of citrus greening disease.
- Secured continued project funding from the California Citrus Nursery Society.
- Teaching Assistant for undergraduate courses in plant science, leading lab sessions and assisting with grading and student support.

Colorado State University, Fort Collins - *B.S. Environmental Horticulture*

MAY 2006

- Completed a 6-month internship as a tree climber and ground crew member with Woodwinds, LLC, a tree care company in Princeton, NJ.
- Took a 60 credit sequence of undergraduate and graduate engineering courses in addition to my major - at CSU, The University of Arizona, Rutgers and UC Davis.

EXPERIENCE

Valley Landscape Service, Jackson, WY - *Assistant Manager of Gardening*

MAY 2022 - MARCH 2023

- Led communication with clients to design and install new gardens and complete ongoing maintenance.
- Maintained garden beds, pruned trees and shrubs, upkeep residential and commercial landscapes including snow removal.
- Managed schedules and invoicing through Service Autopilot software, and coordinated work with visa workers in Spanish.

East-West Landscaping, LLC., Princeton, NJ - *Owner*

March 2010 - October 2021

- Founded and managed a successful landscaping business specializing in tree care, garden design, hardscape installation, and beekeeping.
- *ISA Certified Arborist* with expertise in tree collection, maintenance, and timber management.
- Recruited, trained, and managed workers to assist with large projects.
- Developed a loyal client base through exceptional service, resulting in repeat business and referrals.

Altman Plants, Oro Valley, AZ - *Merchandiser*

December 2021 - April 2022

- Received shipments of plants to the largest Home Depot garden center in Arizona by sales.
- Arranged plants and assisted customers with general and plant specific questions.

Sundrea Design Build LLC, Tucson, AZ - *Laborer*

November 2020 - March 2021

- Assisted in the installation of landscape features, including hardscapes, custom outdoor living spaces and gardens.
- Contributed to project planning and execution, ensuring work aligned with design aesthetics and client expectations.

FMC Corporation, Ewing, NJ - *Lab Technician*

March 2014 & June - August, 2014

- Assisted in all aspects of agricultural research within the biology department, supporting lab-based experiments and greenhouse trials, and maintaining insect colonies.
- Collected data to assist ongoing projects related to crop protection and pest management.
- Maintained lab equipment and ensured compliance with safety protocols.

USDA Agricultural Research Service, Maricopa, AZ - *Biological Science Technician*

FEBRUARY 2008 - FEBRUARY 2010

- Managed agronomic trials for multiple crops (guayule, lesquerella, vernonia) with a focus on breeding and seed processing.
- Utilized lab equipment (wood chipper, ball mill, microtiter plate reader, HPLC) for resin and rubber analysis.
- Collected, analyzed, and managed data to support the research collaboration on industrial crops.

The UA Controlled Environment Agriculture Center, Tucson, AZ - *Student Intern*

July 2007 - December 2007

- Assisted crop production at the student demonstration greenhouse and helped construct and operate a NASA funded lunar Biological Life Support System (BLSS) prototype.
- Compiled data and supported Raytheon Polar Services via telepresence to optimize food production at the South Pole Food Growth Chamber at Amundsen-Scott Station.

The Walt Disney Company, Orlando, FL - *Professional Intern*

OCTOBER 2006 - JUNE 2007

- Conducted independent plant research to identify optimal fruit and vegetable cultivars for hydroponic systems at EPCOT's The Land.
- Tested over 100 plant varieties to ensure high quality and yield for theme park restaurants.