

Andrea Tinajero

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PROFILE

Interested in Farm Management, Animal and Plant Breeding and Community Development. Studying Sustainable Agriculture and Food Systems (BS) at University of California, Davis. Background in animal breeding, operating and maintaining farm equipment, welding, mechanics, animal competitions, meat industry, crop production, plant nutrition and additional lab experience in agronomy and biostimulants. Extended family background in the crop production and animal breeding.

EDUCATION

Bachelor of Science in Sustainable Agriculture and Food Systems from University of

Expected in June 2020

California, Davis

Related Course Work: Animal Science, Plant Science, Practice/Meats, Wildlife Conservation, Sustainable Animal Agriculture, Community Region Development, Organic Crop Production, Soil Science, Food Systems

Hartnell Community College, Salinas, CA

Semester 2017

Spring

Related Course Work:

Agricultural Machinery Management

SKILLS

Applied Production: General machinery maintenance, tool identification, butchering, animal raising, data input, lab research

Language: Bilingual/ Fluent in Spanish (Written and Oral)

Communication: Dedicated team player, flexible, open-minded, approachable

Organization: Managing groups, teaching, advising, time management, responsible

AGRICULTURE RELEVANT EXPERIENCE

Lab Assistant, Patrick Brown's Plant Nutrition Lab, Department of Plant Sciences, UC Davis

January 2018- Present

- Assist in experiments of nutrient uptake in crops by using biostimulants
- Ultimate aim of increasing crop productivity and nutrient content of edible plant parts
- Disease resistance in selected crops
- Crops used in projects include (soil and tissue samples) Almond, Citrus, Soybean and Wheat

Lab Assistant, Morgan Consulting's, Soledad, CA

August 2018

- Soil health analysis of selected fields in the Salinas Valley
- Agronomic soil testing
- Daily roles included: collecting samples, weighing, drying, diluting samples, inputting samples into nutrient reader
- Report back to farmers on analysis of soil nutrient levels to determine what additional elements may need to be applied

Student Intern, Agriculture Mechanic, Hartnell Community College's Shop, Salinas, CA

January 2017- May 2017

- Collaborated with 17 male students in an agriculture mechanic shop for five months.
- Familiarized with common tools and machine usage that mechanics use on the daily.
- Performed maintenance on tractor plows, engines, lawnmowers, and welding generators.
- Tested effectiveness of repairs by tilling agricultural fields with repaired equipment.

Student Butchering Intern, UC Davis Meat Lab, UC Davis

September

2015-December 2015

- Collaborated with seven students to learn butchering techniques in beef, hogs, and sheep.
- Learned yield grading of meat.
- Guided by USDA representative and followed production regulations and adhered to safety regulations

EXTRACURRICULAR ACTIVITIES

Past Participant, Western Growers Careers in Agriculture Program, Coachella Valley, CA,

December 2017

Imperial Valley, CA and Yuma, AZ

- Attended a three-day career exploration field trip for college students studying in STEM related majors
- Toured agriculture operations throughout California and Arizona hosted by the Western Growers Careers in Agriculture

Past Participant, Western Growers Careers in Agriculture Program, Salinas Valley, CA

June 2018

- Tour companies that emphasized and offered STEM-related careers within the agricultural industry in the Salinas Valley
- Interacted with representatives from Driscoll's, USDA, Ocean Mist, Church Brothers, Taylor Farms, T&A, Uesugi Farm, Christopher Ranch and others