

PROFESSIONAL SUMMARY

As a hardworking and dedicated individual, I strive for success both in school and work, consistently placing in the top of my classes and quickly rising to leadership roles at various jobs. My motivation to succeed stems from the challenging goals I set for myself, leading me to work tirelessly, embrace new learning opportunities, and be proud of the achievements and results of my labor.



Phone
(916) 801-8561



Email
carlbalzarano@gmail.com



Website
carlbalzarano.com

EDUCATION

UC Davis, Davis, CA
September 2025 - Present

- B.S. Mechanical Engineering

Cabrillo College, Aptos, CA
Graduated: May 2025

- A.S. Engineering
- A.S. Physics
- A.S. General Sciences
- A.S. Mathematics

SKILLS

- Technical:**
SolidWorks, AutoCAD, Matlab, Arduino, Excel
- Fabrication:**
TIG Welding, 3D Printing
- Interpersonal:**
Teamwork, Staff Management, Training, Customer Service

LEADERSHIP EXPERIENCE and SCHOOL INVOLVEMENT

Shift Lead and Barista

11th Hour Coffee - Santa Cruz, CA June 2023 - July 2025

- Supervise and support staff during busy shifts to maintain high customer service standards.
- Handle customer concerns, assign tasks, and ensure cleanliness and efficiency.
- Lead team communication and uphold store morale under fast-paced conditions.

Math Peer Tutor

Cabrillo College - Aptos, CA January 2024 - May 2025

- Provide weekly one-on-one tutoring in Precalculus, Calculus I & II to 5-7 students per semester.
- Tailor sessions to individual learning styles, helping students improve academic performance.
- Reinforce subject mastery and develop effective communication and teaching strategies.

Founder & President of Cabrillo Sudoku Club

Cabrillo College - Aptos, CA August 2024 - May 2025

- Created and manage an inclusive club fostering logical thinking and community engagement.
- Organize weekly meetings and distribute puzzle newsletters to 50+ members.
- Plan events and oversee budgeting, communications, and club documentation.

PROJECTS

Puffs to Power - Nonprofit Sustainability Project

- Designed and prototyped a low-cost portable phone charger using recycled lithium-ion batteries from disposable vapes.
- Aimed to provide chargers to homeless individuals lacking reliable access to power, promoting both sustainability and social impact.