

Uriel Antonio Hernandez Leon

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EDUCATION

UC Santa Cruz	B.S. Electrical Engineering	2023 - 2026
Cabrillo College	A.S. Math, Physics, Engineering	Class of 2023

EXPERIENCE

Electronics Technician Intern | Universal Audio June 2024 - present

- PCB reworking, soldering 0402+ sized components under a lab microscope
- Following schematics to measure signals with oscilloscope while troubleshooting equipment
- Measuring audio quality via Audio Precision APx555 instrument and software
- Working with microphones, interfaces, preamps, guitars, pedals, and other music equipment

Director of Ambience | Abbott Square Market January 2023 - present

- Bussing dishes, maintaining a clean environment for an outdoor music venue & dining area
- Monitoring music volume levels, heating, and lighting consistently
- Communicating with our bar, vendors, and customers all throughout the night
- General restroom, garbage, and floor maintenance for an overall comfortable environment

Teaching Assistant & Intern | Cabrillo College & SEI September 2022 - May 2023

- Tutoring students in Precalculus and Sustainable Energy courses
- Electricity audit project with Horticulture Dept. Measuring solar energy of AgTech greenhouse
- Writing weekly quizzes, guiding students through solutions
- Working alongside professors to discuss needs specific to student

Customer & Food Service | Various 2017 - 2022

- Top sales associate for 24 Hour Fitness during Summer 2022
- Kitchen environment experience (cooking, cleaning) and facilities maintenance

SKILLS

- Proficient in Spanish
- Soldering, reworking, stripping/crimping wire
- Oscilloscope & DMM
- Photography, Adobe Lightroom

EXTRA CURRICULAR

Cabrillo College - Engineering Abroad (2020-2022) | Assisted in installation of off-grid solar energy system for an organic coffee farm in Costa Rica. Presented our experience to the college as club president alongside my peers, and helped raise funds for future teams. Emphasis in learning sustainable practices, community building, and engineering as a helping practice.