Daniel Jabro

(858) 774-3738 | 2559 Summit Dr, Escondido CA 92025 | danieljabro@yahoo.com

Electrical Engineering student with experience in government contracting, private industry, and academia. Skilled in technical problem-solving, project development, and team leadership, with a proven record of delivering results.

WORK EXPERIENCE

Electrical Engineering Technician - C&S Aerospace **Sep 2026 - Present**
Fullerton, CA

- Built, configured, and repaired computer systems, troubleshooting hardware failures, operating systems, and networking issues to support company operations.
- Diagnosed, tested, and repaired electronic equipment at the circuit board level, performing electrical troubleshooting, component-level repairs, and functional verification.
- Installed and tested electrical connections for industrial machinery, including three-phase lathe power and internal FX10K wiring, while also diagnosing and repairing shop equipment.
- Designed, deployed, and configured an on-premises Linux server hosting company websites, implementing HTTPS, DNS management, secure remote access, and network configuration.
- Developed a customer-facing company website and an internal shop management platform featuring role-based access, work order tracking, equipment monitoring, and maintenance reporting.

Rotation Engineer Intern - Amentum **Jun 2026 - Aug 2026**
Vandenberg Space Force Base, CA

- Supported engineering and technical operations for range-support systems, including electronics troubleshooting, equipment testing, device configuration, and system documentation.
- Worked with radar, telemetry, and electronics-related systems to verify functionality, investigate technical issues, and ensure reliable operation of mission support equipment.
- Assisted with technical drawings, system upgrades, and supplier coordination to support hardware integration and operational requirements.
- Contributed to internal web-based tool development using HTML, CSS, and Java, including user account functionality and reusable page templates.

Machinist - AudioLux **Jun 2023 - Sept 2025**
Santee, CA

- Operated and maintained 3D printers, plotters, woodworking equipment, and precision instruments for fabrication and customization projects.
- Diagnosed and repaired electrical and mechanical issues in shop equipment, including wiring, sensors, motors, and power systems, using diagnostic tools to ensure reliability.
- Performed automotive audio and electrical installations, including speaker wiring, radio systems, component mounting, and custom fabrication.

EDUCATION

University of California, Irvine

B.S. in Electrical Engineering with a focus in Semiconductors & Optoelectronics **Exp. graduation June 2027**

Palomar College

A.S. in University Studies: Emphasis in Scientific Studies
A.S. in Engineering **Completed May 2025**
A.S. in Mathematics

TECHNICAL SKILLS

- **Electronics and Hardware:** PCB repair, soldering, component replacement, multimeters, power supplies, sensors, motor drivers, continuity testing, signal tracing, fault isolation.
- **Power Systems:** $LiFePO_4$ batteries, solar charge controllers, inverters, high-current wiring, DC power systems, battery-based energy storage.
- **Fabrication & Tools:** 3D printing, plotters, mechanical assembly, hand tools, diagnostic equipment, CAD.
- **Embedded & Control Systems:** Microcontrollers, feedback control, light sensors, motor control, sensor-based automation, basic programming and troubleshooting.
- **Software & Documentation:** Technical drawings, system documentation, HTML, Java, CSS, operating system imaging, equipment configuration.