

Victor Prieto

victordavidprieto@gmail.com | 442-356-1410 | Victorville, CA

Summary -

Motivated and detail-oriented professional with a background in computer science and hands-on experience in wiring, circuitry, and troubleshooting. Skilled in assembling and testing electrical components on breadboards, interpreting technical instructions, and working safely with tools and equipment. Strong foundation in problem-solving, teamwork, and applying technical knowledge to practical projects. Seeking to apply technical and safety-focused skills as an Electrician Apprentice.

Technical Skills -

- **Electrical & Hardware:** Arduino wiring, Breadboard assembly, LEDs, Resistors, LED displays, Circuit troubleshooting
 - **Software & Tools:** Python (OpenCV, Pygame), Git, Linux, VS Code
 - **Other:** Attention to detail, Safety practices, Team collaboration, Time management
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Projects -

Arduino Color Detection System

- Designed and built an Arduino-based color detection project wired on a breadboard with resistors, LEDs, and an LED display.
- Programmed a computer vision system to detect colors using a webcam, triggering the respective LED and displaying the detected color.
- Gained practical experience wiring circuits, testing hardware, and integrating software with hardware systems.

Simple Banking System (Team Project)

- Developed a secure banking system using C# and Azure Cloud database.
 - Implemented a GUI interface with safeguards against malicious input.
 - Experience in structured problem-solving and maintaining reliable systems.
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Work Experience

California State University – Fullerton

Instructional Assistant (C and Assembly Language x86) | Aug 2024 – Dec 2024

- Helped students understand complex technical concepts through clear explanations.
- Evaluated assignments with a focus on precision, optimization, and adherence to safety in coding practices.
- Developed communication and mentoring skills by guiding peers through problem-solving.

Best Buy

Sales Advisor & Cashier | June 2025 - Present

- Assisted customers with selecting and understanding electronic products, including computers, networking devices, and appliances.
- Explained technical concepts clearly to non-technical users, ensuring customer satisfaction.
- Maintained organized sales areas, operated registers, and handled transactions with accuracy.
- Strengthened communication and problem-solving skills while working in a fast-paced environment.

Walmart

Floor Associate and Overnights | Aug 2020 – Oct 2021

- Operated powered and manual equipment to unload, transport, and stock merchandise.
 - Maintained organization and safety standards in backroom and sales areas.
 - Coordinated with team members to complete large-scale stocking and equipment operations efficiently.
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Education

California State University Fullerton – Fullerton, CA

B.Sc. Computer Science, Minor in Teaching Mathematics

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Personal Statement

Motivated and detail-oriented professional with a background in computer science and hands-on experience wiring circuits, assembling breadboard systems, and troubleshooting hardware. Skilled in following technical instructions, ensuring safety in all tasks, and collaborating within a team environment. Seeking to start a career as an **Electrician Apprentice**, where I can apply my technical knowledge, strong work ethic, and dedication to learning in a practical, trade-focused role and reach the goal of becoming a **Master Electrician**.

Key Skills

- Electrical Assembly: Arduino wiring, Breadboard circuit design, LEDs, Resistors, LED displays
 - Tools & Equipment: Safe use of powered/unpowered equipment, basic troubleshooting, multistep assembly
 - Technical: Python (OpenCV, Pygame), Git, Linux, VS Code, SQL
 - Professional: Teamwork, Safety awareness, Problem-solving, Attention to detail, Time management
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Education

California State University – Fullerton – Fullerton, CA
B.Sc. Computer Science, Minor in Teaching Mathematics

Additional Skills

- Safety Practices: Maintaining safe work environments, following procedures
- Equipment Handling: Pallet jacks, electric jacks, conveyor systems, baler machines
- Strong Work Ethic: Adaptable, quick learner, and eager to develop trade skills