

ANDREW RIAD

CONTACT

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PROFILE SUMMARY

Junior Computer Engineering student specializing in digital systems and hardware design. Skilled in circuit analysis, C/C++, and embedded systems fundamentals with hands-on lab experience in digital logic, 3D modeling, and troubleshooting. Seeking an internship to apply technical problem-solving to real-world hardware and system design.

EDUCATION

Chaffey College- Rancho Cucamonga

January 2022 - August 2025

- Associate's in Physical Science
- GPA: 3.6

California State Polytechnic University, Pomona

August 2025 - January 2027

- Bachelor of Science in Computer Engineering (Junior Transfer)
- GPA: 3.6

SKILLS

- Circuit Analysis & Simulation
- Breadboard & Lab Testing
- C / C++ / C#
- 3D Modeling & CAD
- Hardware Troubleshooting
- Embedded Systems Basics
- Microsoft 365 & QuickBooks
- Time Management & Teamwork

LANGUAGES

- English: Fluent
- Arabic: Fluent Speaking
- Spanish: Basic

WORK EXPERIENCE

Lock and Roll Locksmith

February 2025 - Present

Office Manager

- Managed daily office operations, coordinating scheduling, client communication, and logistics for multiple locksmith technicians.
- Streamlined administrative workflows by implementing digital tracking systems and data organization tools, improving efficiency and accuracy.
- Oversaw inventory management and supply ordering using spreadsheet automation and digital recordkeeping.
- Assisted with hardware and software troubleshooting for office computers, POS systems, and scheduling platforms.
- Maintained customer database integrity, applying data management principles with engineering system design.
- Collaborated with technicians and management to ensure reliable field communication and service documentation.

Office Depot

October 2023 - February 2025

Sales Associate

- Provided customer service and sales support in a fast-paced retail setting. Assisted with product selection, processed transactions, met sales goals, and handled returns.
- Maintained store appearance, restocked inventory, and fulfilled online orders.
- Utilized strong communication, POS systems, and multitasking skills to meet sales targets and satisfy customers.
- Advised customers on computers, printers, and tech products by explaining features, comparing options, and recommending suitable solutions.

PROJECTS & EXPERIMENTS

- 4-bit Adder/Subtractor Circuit -
 - Designed and implemented a 4-bit adder/subtractor circuit using full adders, XOR gates, and multiplexers to handle signed BCD numbers. Integrated LEDs to indicate overflow and sign, and verified correct arithmetic operation on seven-segment displays.
- 4-bit Register Design using D Flip-Flops -
 - Designed and implemented a 4-bit register using D flip-flops and multiplexers. Configured control inputs to perform load, rotate, and increment operations with synchronous clock and clear signals.