

Emily Chen

Electrical Engineer

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United States, San Jose, CA



Detail-oriented Electrical Engineer with a background in circuit design and microcontrollers, seeking an entry-level position at Cisco Systems. Adept at troubleshooting, signal processing, and embedded systems.

Experience

- June 2023 - August 2023

Electrical Engineering Intern
Cisco Systems / United States, San Jose, CA

 - Developed testing procedures for circuit boards used in networking equipment, identifying points of failure and improving design efficiency.
 - Created digital logic circuits using Verilog and conducted functional tests on various electronic components.
 - Assisted in embedded system programming, troubleshooting, and maintaining a strong emphasis on quality assurance.
- January 2022 - May 2022

Lab Assistant
San Jose State University Electronics Lab

 - Maintained lab equipment and provided support for undergraduate projects focused on microcontrollers and PCB design.
 - Offered tutoring in electrical circuits and logic design to underclassmen.

Professional Affiliations

- March 2024 - Now

IEEE Member

 - Attended annual IEEE conferences, gaining insights into cutting-edge technologies in telecommunications and signal processing.

Education

- Bachelor of Science in Electrical Engineering**
2020 - 2024
San Jose State University
United States

 - GPA: 3.6/4.0
 - Relevant Coursework: Circuit Analysis, Digital Logic Design, Signal Processing, Embedded Systems, Control Systems
- Certified LabVIEW Associate Developer**
National Instruments
Issued March 2023

Skills

- Proficient in MATLAB, Verilog, and C programming
- Hands-on experience with PCB design, circuit analysis, and embedded systems
- Strong understanding of signal processing and digital logic
- Effective troubleshooting and problem-solving skills