

# Emily Chen

## Electrical Engineer

(408) 555-0924

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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

