


# ELECTRICAL ENGINEER RESUME

by Resume Genius

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## EDUCATION

June 2014  
Cal State LA, Los Angeles, CA  
*BSc in Electrical Engineering*

## RELEVANT SKILLS

### Programming:

*C/C++, MATLAB, Python, Verilog,  
VHDL*

### Design software:

*Modelsim/Quarta, Eclipse IDE,  
Microsoft Visual Studio,  
Subversion, DxDiagnoser, Allegro  
Design Entry, SPICE*

### Equipment expertise:

*Oscilloscopes, digital multimeters,  
function generators, voltage and  
current probes*

## CAREER OBJECTIVE

Electrical Engineer with 7+ years of experience working with blue-chip companies in the consumer electronics industry, primarily focusing on implementing and debugging electro-mechanical systems. Possess excellent interpersonal abilities and a wide range of technical skills. Enjoy being part of a team, as well as managing, motivating, and training a productive team, and thrive in high-pressure and challenging working environments.

## PROFESSIONAL EXPERIENCE

July 2017–Present

### Chief Electrical Engineer

*IXES, San Francisco, CA*

- Oversee a 10-member team responsible for designing, implementing, and maintaining electrical systems within budgets averaging \$5 million
- Led development of an electrical system for a new webcam, overcoming budget and scale issues by designing a mini PCB that earned the company 2 new patents
- Train 2+ new employees annually, ensuring adherence to safety procedures and maintenance of high-quality service standards expected by management
- Diagnose and repair malfunctioning systems by using test equipment to identify and eliminate bugs within tight time frames, earning speed-related bonuses in 8 straight quarters

August 2014–July 2017

### Electrical Engineer

*Tesantia Corp., San Francisco, CA*

- Collaborated with chief electrical engineer, optical/audio engineers, and, and programmers to design, test, and validate audiovisual systems for consumer electronics
- Leveraged hardware and software expertise to ensure product electrical specifications complied with local and international laws and met company's high standards
- Examined component prototypes to ensure conformance to design specifications, and provided technical assistance in the areas of hardware performance optimization and debugging
- Documented every detail of the board bring-up process for reference and analysis
- Recruited, hired, and mentored 7 engineering student interns, 3 of which joined the company as full-time engineers following graduation