


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, DxDesigner, 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 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