

ESHA MARTIS

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OBJECTIVE

Electrical Engineer with 5+ 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.

ACHIEVEMENTS:

Won Hardworking employee award thrice.

EDUCATION:

St. Francis Institute of Technology

Bachelor of Science in Electrical Engineering

2010-2014

PROJECTS:(add if any)

SKILLS:

Software: Questa, Eclipse IDE, Microsoft Visual Studio

MATLAB

Python

Tools: Oscilloscopes, digital multimeters, and function generators

EXPERIENCE:

IXES, San Francisco, CA

Chief Electrical Engineer, July 2017–Present

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 and 2+ new employees annually, ensuring adherence to safety procedures and maintenance of high-quality service standards expected by management

Diagnose and repair malfunctioning components by using digital test equipment to identify bugs within tight time frames, earning speed-related bonuses in 8 straight quarters

Tesantia Corp., San Francisco, CA

Electrical Engineer August 2014–July 2017

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