

**Objective:** A student position in Electrical Engineering.

## Education

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**BS Electrical and Electronic Engineering** • CSU Sacramento • GPA: CSUS 3.7 • Fall 2014

**AS Mathematics** • Sierra College • 2011

**AS Natural Science** • Sierra College • 2011

## Relevant Courses

Electronics I and II\*

Electronic Instrumentation

Introduction to Microprocessors

Signals and Systems

Network Analysis

Intro to Circuit Analysis

Electromechanical Conversion

Introduction to Logic Design

Engineering Statics and Dynamics

C Programming

Fabrication Techniques I

CIE Fundamentals-Mechatronics

\* Fall 2013

## Knowledge & Skills

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**Electronics:** Circuit Analysis • Schematic Creation and Use • Multi-Meter Usage • Oscilloscope • Soldering

**Computer:** Multisim • Psice • Mentor Graphics • Matlab • Mathematica • C Programming • Verilog (Quartus II) • Hardware • MS Office

## Communications:

- Experience creating technical reports and documents.
- Able to create effective PowerPoint presentations.
- Experience speaking to large and small groups to explain complex concepts in simple language
- Extensive experience providing excellent customer service in high stress, high volume venues.
- American Sign Language

## Project Experience

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**Linear DC Power Supply** - Designed PCB from schematic; built and assembled chassis from sheet aluminum.

## Work Experience

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### Student Intern

*Miranda Technologies*

6/13 to 8/13

Leveraged an existing design to create a new product through component removal and code update. Wrote specification for signal level acceptance. Learned product processes such as ECOs, design review meetings.

### Math Tutor

*Sierra College Math Center*

8/11 to 12/11

Individualized tutoring from Algebra through Calculus and Physics classes.

### Waiter and Expediter

*Hacienda Del Rio*

7/07 to present

Provide excellent customer service and input to other servers and managers to continuously improve restaurant. Develop new product ideas and identify computer system improvements. As expediter- interface between wait staff, kitchen staff, and customers – facilitating continuously smooth food delivery. Identify and rectify any and all safety issues.

### Personal Shopping Assistant

*Best Buy*

3/04 to 6/07

Analyzed customer needs, and facilitated positive shopping experience. Led training of new and existing employees. Also responsible for customer support, effective display of product, and troubleshooting technical problems.

## Professional Activities & Accomplishments

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**Member,** IEEE Sacramento Valley Chapter

**Member,** Tau Beta Pi California Upsilon Chapter

Obtained by being in top 12.5% of Junior Class.

Working 12 to 20 hours a week while carrying a full course load and maintaining a 3.7 CSUS and a 3.2 Overall GPA.