

# David J Larribas

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**OBJECTIVE:** An internship in electrical engineering

## PROJECT EXPERIENCE:

### *LED Stage Lighting*

Designed and constructed LED light bulbs to be used as stage lighting for live performances. The bulbs were designed to be inexpensive, low powered, bright red, low heat and able to be screwed into a standard 120VAC light fixture. Designed the circuit to convert AC to DC and decrease voltage. Four bulbs were created in total and all were tested multiple times at live performances without failure.

## SKILLS AND ABILITIES:

- Able to communicate effectively through multiple mediums with colleagues and customers
- Can work effectively in a group setting, but can also excel solo
- Can follow direction well
- Trustworthy worker with exemplary integrity and honesty
- Confident of abilities and not afraid to ask for help to insure the job is completed safely and correctly

*Tools:* PSpice, MATLAB, AutoCAD, JAVA, C Code, Digital Oscilloscope, Function Generator

## WORK EXPERIENCE:

### *Promoter/Performing Musician*

### *Self Employed*

6/07- 9/12

Organized music events by contacting venue owners and musicians through phone or email.

Kept a tight schedule during the night of performance. Manned and organized the merchandise stand and sold products to customers.

### *Pony Express Delivery Driver*

### *PG&E*

6/09- 9/09

Delivered mail between PG&E stations safely and in a timely manner.

## EDUCATION:

In progress: **Bachelors of Science in Electrical Engineering**

California State University, Sacramento • GPA 3.5 • December 2014

### *Related Courses:*

Electronics II\*

Electronics I

Intro to Microprocessors\*

Intro to Logic Design

Intro to Feedback Systems\*

Product Design\*

C Code

Applied Electromagnetics

Engineering Economics\*

Network Analysis

Probability and Random Signal

Signals and Systems

Electromechanical Conversion:

*\*In Progress (Fall 2013)*

## ACTIVITIES & ACCOMPLISHMENTS:

- Active Member, Mathematics Engineering Science Achievement (MESA)
- Academic Mentor, MESA. Working with a professional mentor to aid a student mentee
- Active Member, Society of Hispanic Professional Engineers (SHPE)
- Academic Committee and Star Member, SHPE
- Active Member of Tau Beta Pi Engineering Honor Society
- Tau Beta Pi - Cataloger
- Member of the Institute of Electrical and Electronics Engineers
- Dean's Honor List
- Boy Scouts of America