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## Objective

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Temporary employment in an Electrical Engineering or Computer Science related field.

## Education

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University of California at Berkeley | Berkeley, CA  
Currently completing a B.S. in Electrical Engineering and Computer Science  
GPA: 3.3 | 2014 to present

## Work Experience

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- *Pico Digital* – June to August 2013 – assisted the IT team in creating help documents, reworking the phone system, and updating software on the employee desktop computers.
- *Self-Employed Tutor* – 2011 to 2014 – tutored ten high and middle school students in geometry and algebra.
- *Self-Employed Violinist* – 2013 to 2014 – performed at weddings, birthday parties, and other special events with my string quartet.

## Class and Personal Projects – viewable on GitHub, please inquire for access to repositories

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*Gitlet (Java)* – small version control system using a subset of git commands, built from scratch

*CPU (built with a logic simulator)* – a two-staged pipelined CPU that operates on machine code translated from TAL MIPS code. Designed from scratch.

*Checkers61B (Java)* – checkers game with additional rules and pieces (bombing and shielding)

*Graph Analysis with Spark (Python)* – computed web page popularity rankings using graph data from Facebook and other companies on Amazon's cloud computing centers with Spark.

*Comic-Con LED-lit Wings (C on Arduino chip)* – built and programmed a set of wearable wings reminiscent of Christmas lights to flash in multiple patterns.

## Skills

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- Programming Languages: C, Java, Python, SQL, Scheme
- Relevant classes taken: Data Structures, Linear Algebra, Computer Architecture, Electricity and Magnetism
- Proficiency in basic Japanese
- Leadership Experience: President of East Asian Language and Culture Undergraduate Student Association | January 2016 to present