

## Education:

**University of California, Berkeley** | Berkeley, CA | Aug 2014 - May 2018

Major: Computer Science

Technical GPA: 3.86

### Relevant Coursework:

Efficient Algorithms/Intractable Problems

Databases

Machine Learning

User Interfaces and Design

Data Structures

Probability Theory

Artificial Intelligence

Computer Security

## Work Experience:

**Software Engineering Intern, Google** | May 2017 - Aug 2017

- Add feature to increase code coverage of testing framework used by Google Play Store developers
- Improve frontend feature for a debugging/logging tool used by 30+ systems companywide

**Software Engineering Intern, Google** | May 2016 - Aug 2016

- Iteratively design and implement a feature to optimize performance for Google Drive backend
- Contribute to design decisions for new product launch targeting enterprise customers

**Undergraduate Student Instructor, Discrete Math + Probability Theory** | Jan 2016 - Present

- Lead discussion sections of 40-60 people to supplement lecture material, hold weekly office hours
- Create worksheets and homework/exam problems, answer student questions on online forum

## Projects:

**Handwriting Classification [Python]** | April 2017

- Neural net with one hidden layer to classify handwritten letters with 87.4% accuracy
- Improved performance by optimizing hyper-parameters and making computations more efficient

**B+ Trees [Java]** | March 2017

- Implemented B+ Tree for efficient database insertions, entry lookups, and sorted scans
- Tool determines efficient plans for database queries by estimating costs with dynamic programming

**ElectMe [Java, XML for Android]** | March 2016

- Smartphone-smartwatch application that uses location data and APIs to display 2012 vote statistics, Congressional involvements, and social media for relevant legislators (focus on user-first design)

## Skills:

Python

C/C++

HTML/CSS/Javascript

Java

Latex

Git

## Leadership:

**Chief of Online Resources, ASUC Senate Offices (Student Government)** | Aug 2015 - May 2017

- Led team of 5 committee members, initiate projects to obtain and publicize resources for students

**Officer, Upsilon Pi Epsilon, the Computer Science Honors Society** | May 2015 - Dec 2015

- Contributed to organizing networking, social, and professional development events

## Honors:

UC Berkeley College of Letters and Science Dean's Honors List | Fall 2015, Fall 2016

Member, Upsilon Pi Epsilon, the Computer Science Honors Society | Jan 2015 - Present