

## EDUCATION

**University of California, Berkeley | Dec 2019**

**GPA: 3.8**

Bachelor of Arts, Computer Science

**Relevant Coursework:** Data Structures (CS61B), Computer Security (CS161), Efficient Algorithms and Intractable Problems (CS170), Discrete Mathematics and Probability Theory (CS70), Computer Architecture (CS61C), Artificial Intelligence (CS188), Concepts in Computing with Data (STAT133)

**Honors:** Upsilon Pi Epsilon Honor Society (Top 1/3 of CS majors)

## PROFESSIONAL EXPERIENCE

### SAP

San Ramon, CA

*Software Developer Intern*

June 2018 – Aug 2018

- § Worked on the SAP HANA database to enable SDA support for local and remote PostgreSQL servers
- § Developed query translations, datatype mappings, and capability testing for HANA-to-PostgreSQL connections
- § Wrote documentation on PostgreSQL support for customers and on general SDA support for SAP developers

### BridgeUSA

Berkeley, CA

*Chief Technology Officer*

Oct 2016 – Present

- § Designed, coded, and managed Berkeley chapter's website and national organization's web page
- § Assisted and optimized day-to-day technological operations within meetings and sponsored public discussions
- § Currently developing a content management system that allows staff writers to publish, edit, and display articles

### UC Berkeley EECS

Berkeley, CA

*CS61A Course Tutor*

Aug 2017 – Dec 2017

- § Worked alongside students and assisted with the study and preparation for coursework and examinations
- § Ran two weekly classes and office hours to help with introductory topics in Python, SQL, and Scheme
- § Developed and graded course examinations, projects, lab assignments, and homework used by 2000+ students

*CS61A Academic Intern*

June 2017 – Aug 2017

- § Helped run daily lab and discussion sections and worked one-on-one with students to develop computer science skills
- § Gave presentations alongside class instructors to review topics related to past lectures and future examinations

## SELECTED PROJECTS

### Personal Website

Sep 2016 - Present

*JavaScript, Bootstrap, HTML5/CSS*

- § Originally designed and developed using vanilla HTML5/CSS and JavaScript but redesigned to implement Bootstrap 4
- § Currently creating content to provide further resources for CS61A students such as exam reviews and practice problems

### Cut It Out

Aug 2017

*Python, Flask, HTML5/CSS*

- § Uses Google Cloud Platform's machine learning and natural language processing API to summarize text, articles and essays
- § Analyzes paragraphs to find relevance to the main message and includes phrases most pertinent to the body of the text
- § Includes a setting to customize the amount of text to be cut out and minimum relevance threshold for each phrase

### Thought Bot

Feb 2017

*Python, JavaScript*

- § A Twitter bot that uses a LSTM recurrent neural network to generate novel phrases based on Reddit submissions
- § Entertaining and notable expressions are selected and tweeted automatically using Twitter's API

## LANGUAGES & TECHNOLOGIES

Languages: Python, Java, SQL, C, JavaScript, jQuery, HTML5/CSS, R, XML, LaTeX, Scheme

Technologies: PostgreSQL, SAP HANA, React Native, Bootstrap, Git, UNIX, GIMP/Photoshop, Flask, Firebase

Interests: Music Production, Street Photography, Hip-hop Dance, Concerts, Traveling, Game of Thrones