

EDUCATION

University of California, Berkeley | May 2020

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 currently managing Berkeley chapter's website and national organization's web page
- § Led a small team of web developers to rehaul the chapter's page and set up virtual hosting through OCF at Berkeley
- § Assisted and optimized day-to-day technological operations within meetings and public discussions

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

Curreta

Sep 2018 - Present

Python, Django, HTML5/CSS

- § Currently developing both web and mobile applications for a crowdsourced real-time public transit tracker
- § Uses the GeoDjango API along with BART and AC Transit schedules to provide live locations for Bay Area transportation

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, C, SQL, JavaScript, jQuery, HTML5/CSS, R, XML, LaTeX, Scheme

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

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