

EDUCATION

University of California, Berkeley | May 2020

GPA: 3.8

Bachelor of Arts, Computer Science

Relevant Coursework: Data Structures (CS61B), Algorithms (CS170), Security (CS161), Operating Systems (CS162), Discrete Mathematics and Probability Theory (CS70), Computer Architecture (CS61C), Artificial Intelligence (CS188)

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

PROFESSIONAL EXPERIENCE

Google

Software Engineer Intern

Bellevue, WA

Aug 2019 – Present

Wayfair

Software Engineer Intern

Boston, MA

June 2019 – Aug 2019

- § Developed a tool using Java Spring, React, and MariaDB for creating, altering, and comparing topics in Apache Kafka
- § Rewrote the Java CLI backend into a RESTful API and reduced the size of the codebase by more than 50%
- § Lowered the average time of topic creation from over 8 hours to under 10 minutes

SAP

Software Developer Intern

San Ramon, CA

Aug 2018 – Aug 2018

- § Worked on the SAP HANA database to enable data transfer with 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

Chief Technology Officer

Berkeley, CA

Oct 2016 – Present

- § Created 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

UC Berkeley EECS

CS61A Course Tutor

Berkeley, CA

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

SELECTED PROJECTS

Anon2

JavaScript, React Native, Phoenix, Elixir

Aug 2019 – Present

- § Currently developing a mobile chat application using React Native, Phoenix, and PostgreSQL
- § Functionality for real-time communication and notifications between groups of users using WebSockets

Personal Website

JavaScript, Bootstrap, HTML5/CSS

Sep 2016 – Present

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

Curreta

Python, Django, HTML5/CSS

Sep 2018

- § Developed a web application for a crowdsourced, real-time public transit tracker for the Bay Area
- § Used the GeoDjango API along with BART and AC Transit schedules to provide live locations of buses and trains

Thought Bot

Python, JavaScript

Feb 2017

- § 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, HTML5/CSS, R, XML, LaTeX, RISC-V, Scheme

Technologies: Unix, Git, PostgreSQL, React Native, Spring, Phoenix, Django, Jenkins, Bootstrap, jQuery

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