

SOHAN SUBHASH

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WORK EXPERIENCE

Knight Cognitive Neuroscience Lab

Berkeley, CA

Database Consultant

March 2017 – Present

- Reconfigured the lab's PostgreSQL wiki database and Apache Solr search platform on Red Hat Enterprise Linux 6 with Apache Tomcat
- Collaborated with the Berkeley Unix team to migrate lab's Django website to a newer host.

Make Change Count for Schools

San Diego, CA

Founder

August 2013 – Present

- Established a nonprofit organization that reworked donation infrastructure for local schools
- Coordinated between the school and district administration to install repurposed smart parking meters, which allow community members to donate using credit cards and mobile devices
- Trained a team of 7 to continue the addition of new donation meters to over 5 new schools

Gap Intelligence

San Diego, CA

Software Developer Intern

July 2015 – August 2015

- Maintained Gap Intelligence's analytics database using Ruby on Rails and PostgreSQL
- Collaborated with the web design team to restructure the UI using Bootstrap and BEM CSS

EDUCATION

University of California, Berkeley

Berkeley, CA

B.A. Candidate: Computer Science, Economics

May 2020

Major GPA: **3.7/4.0**

PROJECTS AND ACTIVITIES

Data Science Society at Berkeley

Berkeley, CA

Analytics Committee

Feb 2017 – Present

- Designed an interactive course map using D3.js for prospective students to find relevant courses

Scheme Interpreter

Berkeley, CA

Class Project

Dec 2016

- Interpreter for the Scheme functional programming language, built using *Python*.
- Built a String lexical parser so that an interactive *Python* shell could be used

Twitter Sentiment Analysis Bot

Berkeley, CA

Side Project

Nov 2016

- *MongoDB* used to manage and query user data received from the Tweepy API.
- *NLTK Python* natural language processing module used to rate the sentiment of a Tweet.

LANGUAGES AND TECHNOLOGIES

Web Frameworks: Ruby on Rails, Flask, Django, D3.js

Languages: Python, JavaScript, Ruby, HTML, CSS, Bash, Git, SQL

Workflows: Scrum, Kanban, Agile, Sprint