
CHETANA RAMAIYER

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Education

University of California, Berkeley

2018 - 2022 (expected)

Computer Science

Classes (Technical)

CS 61a (The Structure and Interpretation of Computer Programs), Math 1B (Calculus)

CS 61B (Data Structures), EI ENG 16A (Designing Information Devices and Systems I)

Skills

Softwares: Adobe Photoshop, InDesign, Illustrator, Final Cut Pro, iMovie

Programming Languages: HTML + CSS, Java, Python, Scheme, SQL

Projects

Shuffler | iOS App | Began at CalHacks | In Progress

- Party hosts give guests access to the playlist through a code. Users vote on the next song and add new songs.

Multimedia packages for High School Publication:

- Created using bootstrap templates. Edited the HTML and CSS files to adjust to style.
 - [The X-Games](#) | El Estoque, High School Student Publication
 - [Sports Package](#) | El Estoque, High School Student Publication

Scheme Interpreter | CS61A

- Developed an interpreter for a subset of the Scheme Language.

Maps | CS61A

- Voronoi diagram of restaurant ratings using machine learning and the Yelp dataset.

First Aid Kit | Interactive Game

- Game in JAVA that shows how to use a first aid kit through interactive challenges.

Work Experience

Daily Californian Projects Team | Aug 2018

- Create data visualizations for UC Berkeley's student-run news organization
- Currently collecting data about history of closed family businesses to create digital shrine. Update periodically as more businesses close.

Junior Camp Counselor, BlackGirlsCode | Aug 2017

- Taught young girls how to use different applications of computer science
- Girls worked with SmartGurlz, 3D Printing Machines and created basic websites

Mentor, StreetCode | June - Aug 2017

- Worked as a mentor to teach low-income people of color learn how to program
- Walked students through KhanAcademy Intro to JS: Drawing and Animations videos

Mentor, CodeMatrix | June - Aug 2017

- Taught young elementary school kids how to program in python
- Worked with small group in the class to assist them in various projects, including web applications and games

Managing Editor, El Estoque | April 2017 - May 2018

News Editor, El Estoque | May 2016 - April 2017

- Led my award-winning high school online/print newsmagazine as news editor and later, managing editor.
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