JENNA-KAELYN HUANG

(916) 538 - 8458
jennakaelynhuang@gmail.com
jennakaelyn.com
github.com/j3nnahuang

University of California Berkeley

Computer Science
December 2018

Coursework:
CS 61A (Python)
CS 61B (Java and Data Structures)
CS 70 (Discrete Math and Probability)
CS 188 (Artificial Intelligence)
CS 170 (Algorithms)

Languages

Java | 5/5
Python | 5/5
HTML | 4/5
C | 4/5
Scheme | 4/5
SQL | 2/5

Tools

Github/Bitbucket
Photoshop
Illustrator
IntelliJ
Hive
Vim

Interests

Live Music
Teaching
Storytelling
Interior Design
Reddit
Trivia

Incoming Software Engineer Intern

Uber | Fall 2017 | San Francisco, CA

Software Engineer Intern

Pandora Media | Oakland, CA | June 2017 - Present

- Working with the Playlist Team to utilize machine learning for music information retrieval, signal processing, and recommender systems to improve and perfect personalized radio

CS Instructor

Girls Who Code | Albany, CA | Aug 2016 - Dec 2016

- Lead a CS class of 25 girls ages 10-14 at the Albany Public Library hosted by Girls Who Code
- Planned and presented lessons using basic HTML, Python, Scratch to teach the GWC Core4: loops, conditionals, variables, and functions
- Instructed students on how to build an interactive website for their class chosen community project
- Introduced the girls to inspiring and accomplished women in tech through field trips to tech companies and inviting guest speakers to class

CS61B Nonprofit Tutor

UC Berkeley | Berkeley, CA | Sep 2016 - May 2017

- Tutored~5 CS61B students per week with specifics in graph theory, the Java language, asymptotics, sorting algorithms, and data structures
- Hosted bi-weekly review sessions for midterms and monthly project parties to prepare students for exams and guide them through projects

BearMaps

(Java, Apache Maven)

- Developed an interactive web mapping API of Berkeley that provides shortest distance routes to desired destinations as well as an auto complete search engine for defined locations
- Used Apache Maven and Java Spark as the server framework to translate the Java parameters into JSON to display the map
- Utilized the OpenStreetMap project for the XML files parsed

Editor

(Java, JavaFX)

- Built a JavaFX text editor with the following basic features: cursor, word wrap, font size changes, open and save, window resizing
- Designed an API from scratch (no starter code, open design implementations)