





# JENNA-KAELYN HUANG

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## 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)



## Incoming Software Engineer Intern

Uber | Fall 2017 | San Francisco, CA

## Software Engineer Intern

Pandora Media | Oakland, CA | June 2017 - Present

- Implemented the remoting calls for the company's internal tools to connect to Pandora Premium's search service for their search engines
- Pitched, automated, and deployed the first channel/recommender system that uses on demand data to recommend songs
- Developed the first visual model of a channel/recommender system (a full stack subproject using JSP, Apache Tomcat, and Java)
- Proposed a new Undergraduate Product Management Internship and advised recruiters and the VP of Product on internship directions



## Languages

Java | 5/5  
Python | 5/5  
HTML/JSP | 5/5  
SQL | 4/5  
C | 4/5

## Tools

Github/Bitbucket  
Photoshop  
Illustrator  
Eclipse  
IntelliJ  
Hive  
Vim



## Interests

Live Music  
Teaching  
Storytelling  
Interior Design  
Reddit  
Trivia

## 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



## 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)