

JENNA-KAELYN HUANG

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University of California Berkeley

Computer Science
May 2018

Completed Coursework:

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

Current Coursework:

CS 61C (Machine Structures)
CS 170 (Algorithms)



Languages

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

Tools

Github
Photoshop
Microsoft Office
Audacity



Concerts/Festivals
Interior Decor
Blogging
Puzzles
Trivia



CS61B: BearMaps (Java, Apache Maven)

April 2016

- Developed an interactive web mapping API of Berkeley that provides shortest routes to desired destinations
- 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

CS61B: Editor (Java, JavaFX)

January 2016

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

CS61A: Interpreter (Python)

April 2015

- Implemented a Scheme interpreter in Python
- Evaluates symbol evaluation, user-defined procedures, evaluation of special forms, and syntax of scheme expressions



CS Instructor of Girls Who Code August 2016 - Present

- Currently leading a class of 25 girls ages 10-14 at the Albany Public Library offered by GWC
- Working together with GWC to build the largest pipeline of female engineers in the US and close the gender gap in STEM
- Acting as both a CS mentor/peer as well as a female role model

CS Kickstart

September 2015 - Present

- A week-long program targeting underexperienced, female first year students interested in computer science
- Provides participants with hands-on experience in programming with Jython (Java and Python)
- Creates and provides an all-female network before school starts

Website Committee Head (Fall 2015)

- Oversaw a team to redesign the CS Kickstart website
- Utilized HTML, Bootstrap, and Github
- cs-kickstart.berkeley.edu