Justin Hyun Sik **Kim**

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EDUCATION

UC BERKELEY
B.A in Computer Science
Graduation Date: May 2018
Berkeley, CA
GPA: 3.13

FREE CODE CAMP
Front-End Development
Certificate (In Process)
Graduation Date: 2016
Online

LINKS

Github:// **JustinProjects**
LinkedIn:// **justin-h-kim**

RELEVANT COURSES

CS 61A
- Structure and Interpretation of Computer Programs
CS 61B
- Data Structures and Advanced Programming
Lab Assistant
CS 61C
- Machine Learning
CS 70
- Discrete Mathetmatics and Probability
CS 188
- Artificial Intelligence
CS 170
- Algorithms (currently enrolled)
CS 98
- iOS Development (currently enrolled)
CS 161
- Security (currently enrolled)

SKILLS

PROGRAMMING
Java • Python • C • HTML • CSS
Familiar:
MIPS • JavaScript • LaTeX

PROJECTS

NGORDNET | Java
Spring 2015 | CS 61B
- Similar to Google Ngram Viewer, developed a program that graphs changes of printed works in English over time.
- Required mastery of efficient algorithms to store necessary components from files into data structures.

TRENDS | Python
Fall 2014 | CS 61A
- Developed a modular program that requires data abstraction, sequences, and dictionaries that graph data collected from Twitter.

PHILSPEL | C
Spring 2016 | CS 61C
- Implemented a spelling checker that accepts a single command line argument, the name of a dictionary to use. The dictionary consists of a list of valid words to use in checking the input.
- Required full understanding of C file input/output library, memory allocation, string manipulaion, and string coercion to void pointers.

PACMAN | Python
Summer 2016 | CS 188
- Implemented working heuristics for Pacman using search algorithms, such as A* search, Greedy Search, Breadth-First Search, Depth-First Search, and Uniform-Cost Search.

IOS CALCULATOR | Swift3
Fall 2016 | CS 98
- First project given to become familiar with Swift3. Implemented arithmetic operations of iOS calculator.

WORK EXPERIENCE

EDUCATIONAL TECHNOLOGY SERVICES | Shift Supervisor
Oct 2015 – Present | Berkeley, CA
- Served as a front-line computer consultant to assist professors in troubleshooting the Educational Technology at UC Berkeley such as lecture hall equipment and instructional computer facilities.
- Trained new recruits every semester and monitored consultants throughout the semester.

ACTIVITIES

CS SCHOLARS | Member
August 2014 - Present | Berkeley, CA
- Organization for students from underserved backgrounds who did not have had access to resources that prepare them to succeed in computer science