

SARAH JIN

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SUMMARY

Aspiring computer software engineer who is passionate in web development, recommendation technology, and data science with strong background in Python, Java, HTML, and JS.

EDUCATION

B.A. in Computer Science | B.A. in Music

University of California, Berkeley

GPA: 3.6 | 2016 - 2019

Courses included:

Python, SQL, C, Java, Data Structures, Database Systems, Machine Learning, Discrete Mathematics, Probability Theory, Linear Algebra, Differential Equations, Intro EE

EXPERIENCE

Web Developer/Marketing Manager/Coding Instructor, Fall 2018 - current

CodeFu, Oakland, CA

- Designed the organization's website and improved its presence by 50% on social media platform
- Led full classes of K-8th grade students in teaching basic coding skills to promote tech education

Advanced Recommendation Technology Intern, Summer 2018

Kakao Corp., Seongnam, South Korea

- Led full web design of the personal user profile that improved user experience and accuracy of recommendation tech
- Conducted research on performance of recommendation algorithms and graphically compared quality of algorithm depending on dataset (selected to be on Kakao Machine Learning Research Conference)

CS61A Tutor/Lab Assistant, Summer 2017- Fall 2017

UC Berkeley, Berkeley, CA

- Led weekly lessons on Python, Scheme, and SQL to a group of university students
- Lab assisted CS61A course by checking off students during lab and tutoring during office hours.

SKILLS

Python, Java, HTML, JS, JQuery, CSS, SQL, Scheme, Unix, RISC-V, C, Leadership

PROJECTS

Projects are available to be viewed at <https://github.com/sarahjin1004?tab=repositories>

Web Development / Open source:

- Minesweeper, Catsweeper, Blackjack, CodeFu, Kakao user profile

Game Development in Java/Python:

- Plants vs Zombies, Hog, 2048, Qirkat, Yut

Recommendation:

- Collaborative filtering, content-based filtering, k-means

Data Analysis:

- Matplotlib pyplot graphs w/ big data