

Alexander Lin

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EDUCATION

University of California, Berkeley, CA

May 2023

Bachelor of Letters and Sciences in Computer Science (L&S CS)

Relevant Coursework: **CS 61A:** Structure & Interpretation of Computer Programs (**Python, SQL**), **CS 61B:** Data Structures (**Java**), **CS 61C:** Great Ideas of Computer Architecture (**Machine Structures**), **CS 70:** Discrete Math and Probability, **CS 170:** Efficient Algorithms & Intractable Problems, **CS161:** Computer Security

SKILLS

Languages: Advanced: Python, C, Java, R. Proficient: C++, SQL, MATLAB, JSON, AWS, MongoDB

Libraries: Matplotlib, Numpy, Scipy, Pandas, Bootstrap CSS

HIGHLIGHTED PROJECTS & EXPERIENCE

Fayble, Inc.

June - Aug 2022

Software Engineering Intern (AWS)

Remote

- Planned the company's direction in several corporate meetings with the leaders of other teams in marketing,
- Performed initial research into the compatibility of Alexa with the proposed Fayble platform for looking up statistics and making predictions.
- Built a prototype version of an Alexa Skills framework which will interact with the platform and be able to perform basic commands and utilize APIs for a proof-of-concept.

Gitlet

Spring 2020

CS 61B: Data Structures - UC Berkeley

- Built the Git version control system in a Java framework.
- Implemented the functions for pushing, pulling, merging, and committing from scratch.

Transitional Elements (Game)

Spring 2022

Personal Project (GAME JAM)

- Directed a development team of 5 people to create a game during a game jam event.
- Created a video game from the ground up, assisting in the scripting and also the asset development

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Accessibility Intern

June – August 2020

Zoom Video Communications

- Helped the head of the accessibility department in the company in order to advise engineers and UI designers on what kind of designs were more accessible and how to conform code to existing accessibility standards.
- Wrote full manuals for 3 major platforms of Zoom (iPhone, Mac, Windows) in order to be read by the accessibility impaired.