

Hannah Li

Berkeley, CA 94704 | [linkedin.com/in/lihannah](https://www.linkedin.com/in/lihannah) | (949) 378-8765 | hannah02li20@berkeley.edu

Education

University of California, Berkeley / Berkeley, CA May 2024

Major: Electrical Engineering and Computer Science, B.S.

Relevant Classes: Efficient Algorithms and Intractable Problems, Introduction to Artificial Intelligence, Introduction to Database Systems, Foundations of Data Science, Discrete Mathematics and Probability Theory, Data Structures

Work Experience

Decision Science and Artificial Intelligence Intern, Wells Fargo June 2022 – August 2022

- Created text classification templates in Python using Dask and Ray that were uploaded to GitHub so that the Decision Science and Artificial Intelligence team can use it to analyze phone transcripts
- Wrote documentation detailing how to begin using Dask and Ray that was uploaded to the internal wiki so the wider Corporate Risk department can utilize it to learn to use the python libraries

Academic Intern, University of California, Berkeley January 2022 – May 2022

- Assisted in testing, logistics, and content delivery for a class of 500 students
- Specialized in helping students debug 4 large projects delivered through the course of the semester

Projects

Introduction to Database Systems Spring 2022

- Coded a database in Java using B+ tree indices and filled it with data of classes taught at Berkeley
- Built on the database to include efficient joins and query optimization to speed up SQL queries
- Ensured transaction concurrency and database recovery so that data is safe and consistent

Build-Your-Own-World Spring 2021

- Created an engine for generating explorable worlds in Java
- Designed and implemented a 2D tile-based world exploration engine in which a user can explore by walking around and interacting with objects in that world.
- Implemented a “lights” feature in which user can toggle lights to explore the world in the dark

Skills

Languages & Libraries: Python, Java, C, Scheme, RISC-V, SQL, Dask (python library), Ray (python library)

Tools: Git, GitHub, Jupyter Notebook

Extracurricular Activities

Society of Women Engineers August 2020 - Present

- Participate in professional development workshops
- Interact with fellow women interested in software engineering

Association of Women in EE&CS August 2021 - Present

- Communicated with leadership to improve member relations
- Engaged in resume and tech workshops

Chinese Students Association August 2021 - Present

- Attend workshops to learn about Chinese culture as well as meet students in a variety of disciplines