

Jun Hyung Lee

808-557-0383 | junhyunglee.jl@gmail.com | [linkedin.com/in/jun-hyung-lee](https://www.linkedin.com/in/jun-hyung-lee) | junhyunglee.com

EDUCATION

University of California, Berkeley

Berkeley, CA

Bachelor of Arts in Computer Science, Minor in Education

Aug. 2020 – May 2024

GPA: 3.8

Relevant Coursework: Structure & Interpretation of Computer Programs, Data Structures, Machine Structures, Discrete Mathematics & Probability, Artificial Intelligence, Database Systems

TECHNICAL SKILLS

Languages: Java, Python, C++, C#, C, SQL, HTML, CSS, JavaScript, LaTeX

Frameworks/Tools: Git, React, Flutter, Bootstrap, Node.js, Numpy, Django, Flask, JUnit, Unity

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Jun. 2022 – Mar. 2023

Authentic8

San Francisco, CA

- Engineered Slack-bot utilizing Python to seamlessly rewrite URLs, enhancing cybersecurity measures by directing users to access content exclusively through a secure browser
- Successfully identified and resolved a critical security vulnerability within Authentic8's Splunk add-on
- Crafted comprehensive software documentation for internal use and for end-users

Data Management Associate

Mar. 2022 – Jan. 2023

Haas School of Business

Berkeley, CA

- Developed Python application that compiles company funding information from databases like Pitchfork. Estimated to improve efficiency of data cleaning process by roughly 50%.
- Performed statistical analysis on information stored in datasets
- Performed routine data cleaning to maintain integrity of databases

Programming Tutor

Aug. 2021 – Jan. 2023

Breakout Mentors

Palo Alto, CA

- Prepared students for national and international-level programming competitions such as USACO
- Taught how to implement singly-linked and doubly-linked lists, binary search trees, hashmaps, vectors, multi-dimensional arrays, etc to students
- Authored lesson plans designed to teach grade-school students concepts relating to data structures and game development

PROJECTS

Gitlet | Java

- Programmed resilient offline Git-like version control system for text files
- Designed and integrated key features including add, commit, remove, branch, reset, merge, and merge conflict-detection

Procedural Maze Generator For Rogue-like Game | Java

- Designed and implemented a custom version of the random-walk algorithm to generate a near-infinite series of levels for a top-down 2D roguelike game
- Programmed game's UI, collision detection, save and load functionality, and audio systems

LEADERSHIP & VOLUNTEER WORK

Tech Lead

Aug. 2022 – Present

Undergraduate Street Medicine Outreach

Berkeley, CA

- Currently spearheading front-end and back-end development of fully-responsive club website using React JS

Software Engineer

Aug. 2022 – Present

Associated Students of the University of California

Berkeley, CA

- Currently developing a mobile app in Flutter designed to mitigate dangerous drinking behavior
- Leading the development of the front-end and back-end of a fully-responsive website designed to raise awareness of safety resources available to students using Flutter