

Jack Lee

Bay Area, CA | jlee21369@gmail.com | [linkedin.com/in/jackel](https://www.linkedin.com/in/jackel) | jackel.dev

EDUCATION

University of California, Irvine

B.S. Computer Science; GPA: 3.61

Irvine, CA

Sept 2021 – June 2025

EXPERIENCE

Google

June 2024 – Sept 2024

Software Engineer Intern

Sunnyvale, CA

- In Google's Data Center Execution and Health team responsible for maintaining/deploying data center systems, specifically, developed a monitoring interface displaying cooling device telemetry across all Google data centers.
- Developed a comprehensive design document outlining full-stack architecture and executed project using Angular, Java, and internal API/database tooling

June 2023 – Sept 2023

STEP Intern

Mountain View, CA

- In Google's Ads traffic quality team responsible for protecting Google Ad quality from fraud and abuse, specifically, developed a red team traffic experiment management system
- Created feature-specific design documents outlining mock-ups/design justification and implemented front end features using Angular and internal API tooling

June 2022 – Sept 2022

STEP Intern

San Francisco, CA

- In Google's Core Developer Web Org responsible for libraries, tools and infrastructure for building Google applications including the web protocol buffer implementation (protobuf-javascript is its external fork)
- Developed a reflection interface for internal javascript protobufs from a design, in collaboration with another intern and Google SWEs using TypeScript

PROJECTS

Fablix | *MySQL, Java, JavaScript, HTML, CSS, Git, AWS*

April 2024 – June 2024

- Engineered a Full-Stack movie browsing application containing 100k+ movies and actors with connection/password encryption, account authentication, <1s search auto-complete, multi-page navigation, result sorting/pagination, and load-balancing
- Utilized AWS for hosting with MySQL database, Java Back End, and JavaScript/HTML/CSS

ICS Search Engine | *Python*

April 2023 – June 2023

- Developed a web page search engine in Python using query tokenizing and TF-IDF scores for ranking
- Created Streamlit interface returning the top 10 results from a multi-word query in <2 seconds

RELATED EXPERIENCE

University of California, Irvine: Student Housing

Sept 2023 – June 2024

Resident Advisor

Irvine, CA

- Fostered a supportive, inclusive, and academically successful environment for 128 residents.
- Provided on-call crisis management, emergency response, and organized 4+ quarterly programs to create a welcoming space for residents from diverse backgrounds.

Design At UCI

April 2023 – June 2023

Project Teams Designer

Irvine, CA

- Collaborated with peers to design, develop, and analyze user data for a food recommendation app using Figma
- Gathered/Analyzed user data from a targeted demographic of 50 people and translated UX survey feedback into design improvements

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, HTML, CSS

Technologies: Angular, React, Figma, gRPC, MySQL, AWS, Firebase, Linux

Skills: Full-Stack Development, Design Documentation, UX/UI