

# JACK LEE

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[tinyurl.com/jackelresume](https://tinyurl.com/jackelresume)

## EDUCATION

### University of California, Irvine

BS in Computer Science (GPA: 3.74) Graduation Date: June 2025

#### Involvement:

Resident Advisor for 128 UCI Residents - Design At UCI - ICS 32:

Programming with Libraries Lab Tutor - LA Hacks 2023: Hackathon

#### Related Coursework:

Python - Intro to Programming, Programming with Software Libraries, Intermediate Programming, Design and Analysis of Algorithms, Information Retrieval (Project Class - Search Engine)

C++ - Programming in C/C++ as a Second Programming Language, Data Structure Implementation and Analysis

## WORK EXPERIENCE

### GOOGLE INC.

STEP Intern

June 2023 - September 2023

Mountain View, CA

- In Google's Ads traffic quality team responsible for protecting Google ad quality from fraud and abuse, specifically, developed a traffic experiments management system
- Created design documents for specific features which included mockups/design justification and utilized Angular framework with TypeScript/HTML/CSS, following the Google software development workflow (writing/reviewing code, unit tests, debugging)

### GOOGLE INC.

STEP Intern

June 2022 - September 2022

San Francisco, CA

- In Google's Core Developer Web organization responsible for libraries, tools and infrastructure for building Google applications including the web protocol buffer implementation (mostly internal, [protobuf-javascript](#) is its external fork)
- Developed a reflection interface for internal javascript protobufs from a design, in close collaboration with another intern and Google SWEs utilizing TypeScript and the Google development workflow (writing/reviewing code, unit tests, debugging).
  - In particular, this library implemented conversions to and from [Proto3 JSON](#).

### GOOGLE INC.

Google CSSI Scholar

July 2021 - August 2021

Oakland, CA - Remote

- Completed a 4-week JavaScript programming course with daily live code along projects facilitated by Google Engineers
- Built 4 coding projects and 10+ code along extension projects based on the p5 JavaScript Library, individual creativity, replicating existing games/animations in collaboration with cohort peers: [Google CSSI Projects](#) (Labeled)

## RELATED EXPERIENCE

### RESIDENT ADVISOR

Resident Advisor for UCI Middle Earth Dorms

September 2023 - Present

Irvine, CA

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

### UNIVERSITY OF CALIFORNIA, IRVINE: ICS DEPARTMENT

Lab Tutor for ICS 32: Programming with Software Libraries

April 2023 - June 2023

Irvine, CA

- Assisted students through understanding python concepts/libraries and aiding students in debugging their own code
- Averaging 5-6 students each tutoring session, improving code reading/analysis while gaining tutoring experience

### DESIGN AT UCI

Member of 2023 Project Teams

April 2023 - June 2023

Irvine, CA

- Collaborated with peers to design, develop, and analyze user data for a food recommendation app using Figma
- Learned how to gather/analyze user data from a targeted demographic and designed application around data recieved

### HACK THE HOOD

Tech Foundations Member

June 2021 - July 2021

Oakland, CA - Remote

- Completed 4-week tech course w/ intro to Django framework, game design, and Python through daily lab code along projects
- Able to explore career pathways, expand technical skillset (Introduced to Python, VS Code, GitHub), and exposed to sociotechnical problems and technological solutions

### BERKELEY CITY COLLEGE | [WEB PROJECTS](#)

Introduction to Web Design Student

February 2021 - May 2021

Oakland, CA - Remote

- Using HTML and CSS, I constructed 10 websites that resembled online shops and informational sites based on individual creativity
- Voluntarily took this course to further my coding skillset in HTML and CSS and gain website building experience

## SKILLS

- JavaScript, TypeScript, Python, C++, HTML, CSS, Angular
- Data Structure & Algorithms
- Google Apps, Windows

## AWARDS

- Oakland Promise Scholarship - 2021 (~600 recipients)
- Marcus Foster Scholarship - 2021 (43 recipients)
- AP Scholar Award - 2019
- Wa Sung Community Service Club: Jr. League Scholarship 2021