

David Lee

Cell: 949-822-1481 Email: dlee6018@gmail.com

<https://www.linkedin.com/in/david-lee-a058571b5/>

<https://github.com/dlee6018?tab=repositories>

U.S Citizen

Languages: English, Korean, Japanese (speaking & comprehension)

Education

University of California, Berkeley / B.A. Computer Science & Applied Math

Graduating Spring 2025 (May 2025)

- Dean's list
- CSUA

Skills

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- **Expert** in JavaScript, Nodejs, Python, Reactjs
 - **Proficient** in MongoDB, Redux, React Native, Git, Bash, Express, Jest, Pytest, SQL, HTML, CSS, SCSS, Typescript, Java, C/C++
 - **Theory/Coursework:** Data structures, Algorithm Design & analysis, Object-Oriented-Programming, Machine Learning, Deep learning, Artificial Intelligence, Probability & Statistics, Discrete Mathematics
 - **Soft Skills:** Leadership, Tutoring/Teaching, Teamwork, Collaborative Project Development, Fast and avid learner

Experience

Web developer & Instructor (Irvine Valley College)

August 2020 - May 2022

- Selected for the position of Lead Webmaster. Very competitive position with over 50 applicants.
- Worked with developers and designers on the team to build and deploy web applications for the school
- Taught students weekly about frontend and backend technologies such as Reactjs and Nodejs.

Projects

LeeShop

- Used Reactjs and Nodejs (MERN stack) to create a full e-commerce shop
- Used JWT for Authentication and PayPal API for payment

TasksApp

- Used MERN stack to create a website which allows to post tasks for compensation
- Created an interface similar to Canvas and Google Drive and used it with my classmates to share files on projects.

Sudoku Solver

- Developed a UI for the game Sudoku using Python's Pygame and Tkinter libraries.
- Implemented a solver feature that uses the backtracking algorithm to find a solution.

Cat Breeds Identifier

- Used Tensorflow and other ML libraries to create a CNN which identifies Cat breeds.