Jongwon Lee

(510) 766-6853 | jongwonlee12345@gmail.com | [LinkedIn]() | [GitHub]()

EDUCATION

University of California, San Diego | La Jolla, CA   **June 2026**

B.S. in Computer Science
- **Courses:** Operating Systems Principles, Computer Architecture, Web Client Languages, ML: Learning Algorithms, Components and Design Technology / Digital Systems, Database System Principles, Software Engineering

TECHNICAL SKILLS

Languages (ordered by proficiency): C++, Java, Python, JavaScript, HTML/CSS, SQL, TypeScript
Tools and Frameworks: Node.js, React.js, Git, Visual Studio Code, Figma, Flutter, Firebase, Android Studio, Gemini API

RELEVANT EXPERIENCE

Frugal Innovation Hub | Santa Clara, CA   **June 2023 - Aug. 2023**

Software Developer Intern - Front End
- Implemented responsive user interfaces with **React**, **HTML**, and **CSS**, improving accessibility and performance
- Utilized **Flutter** and **Figma** to refine UI prototypes and enhance visual consistency across components
- Facilitated weekly team meetings to assess feature progress, technical challenges, and user experience
- Designed and constructed Easy Tracker, a financial tracking app, using Figma for layout planning and Dart for UI logic in **Android Studio**

PROJECTS

Diamond Stocks | *Diamond Hacks (ACM)*   **Apr. 2025**
- Partnered with a team of four to build a stock data web platform using **TypeScript**, HTML, and CSS
- Integrated the **Gemini API** to generate AI-based questions and pull real-time financial insights
- Developed a responsive interface emphasizing usability and cross-device compatibility

React Portfolio | *Personal Project*   **Dec. 2023 - Present**
- Structured a multi-section portfolio in React utilizing reusable components and modular CSS
- Crafted a navigation system supporting seamless page transitions for project, skill, and course sections
- Applied conditional rendering and class-based styling to ensure responsive layouts

Arduino Cart | *Project for Showcase*   **May 2023**
- Programmed an autonomous cart using **C++** and Arduino IDE, applying object-oriented principles for motor and sensor control
- Created a Motor class to manage motion dynamics and speed adjustment
- Processed LED sensor feedback to enable real-time course correction and continuous movement along track

LEADERSHIP EXPERIENCE

Ohlone Engineering Society | Fremont, CA   **Aug. 2023 - May 2024**

Secretary / ICC Representative
- Coordinated member meetings, managed documentation, and introduced new participants to ongoing initiatives
- Collaborated with officers to organize technical workshops, hands-on projects, and community events
- Supported planning for the Ohlone Urban Garden Project, handling logistics and promoting sustainable engineering design