JASMINE YIP

Los Angeles, California

📞 213-456-0705 ✉ jasmineyyip@gmail.com 🔗 linkedin.com/in/jasmine-yyy ⬛ github.com/jasmineyyip 💼 jasmineyip.com

Education

University of Southern California   **Expected May 2027**
Bachelor of Science in Computer Science   *Los Angeles, CA*
- Honors: Presidential Scholar (Half-Tuition Merit Scholarship); Viterbi Scholar ($15,000 per annum); Dean's List
- Activities: LavaLab (Developer), USC Climbing Team (Social Chair), TroyLabs, Trojan Scholars Society
- Relevant Coursework: Introduction to Programming (C++), Discrete Methods in Computer Science, Data Structures and Object-Oriented Design, Algorithms and Theory of Computation, Principles of Software Development, Calculus III

Experience

LinkedIn   **May 2025 – August 2025**
Software Engineer Intern   *Mountain View, CA*
- Built an end-to-end verification flow for Premium Company Pages, including **Ember.js** modals with client-side state management and integrated **GraphQL** APIs to connect with backend verification infrastructure.

Goldman Sachs   **October 2024 – February 2025**
Emerging Leaders Series - Engineering   *Dallas, TX*
- Developed a **Java** backend for a Mutual Fund Calculator, integrating live financial metrics including beta, S&P 500, risk-free rate to model fund returns via CAPM — improving prediction accuracy by 30%.
- Collaborated with 7 developers using **Spring Boot**, **Next.js** & **MongoDB** to build and deploy the fullstack web app.
- Selected among 100 U.S. students for the program; invited to an all-expense-paid trip to Dallas to present our project.

University of Southern California   **September 2024 – Present**
Mobile App Developer & Researcher   *Los Angeles, CA*
- Led the development of a campus-wide food-sharing app using **React Native (JavaScript)**, **Firebase**, and **Expo**.
- Engineered core app features enabling verified USC students to log in, donate surplus food, locate free meals via an interactive map, reserve pickups, message users, and verify transactions with QR codes.

Sara Speech   **June 2024 – July 2024**
Software Engineer Intern   *Los Angeles, CA*
- Developed a speech therapy mobile app using **React Native (TypeScript)** in an Agile team under a CI/CD lifecycle.
- Engineered an interactive speech-based Wordle game with animated gameplay elements using Lottie and Gesture Handler and real-time pronunciation feedback using **TensorFlow.js**.
- Created a progress tracking component that retrieves, processes, and graphically displays a child's learning data from an **AWS Amplify** backend with **DynamoDB**, generating exportable reports in PDF and Excel formats.

Serato   **December 2022 – February 2023**
Software Engineer Intern   *Auckland, NZ*
- Developed Serato Visualizer, a multimedia content creation web tool for music production, serving 2,000+ active users.
- Built a responsive download progress page in **Vue.js** by parsing real-time FFmpeg muxing logs to track encoding state.
- Refactored a **JavaScript** component to detect drag-and-drop file types via Magic Bytes, preventing spoofing attacks and ensuring 100% accuracy; implemented unit and integration tests in **Jest** to validate edge cases.

Leadership / Extracurriculars

Software Developer   **February 2024 – May 2024**
LavaLab (USC's premiere product incubator)   *Los Angeles, CA*
- Collaborated with a team of four to develop and pitch Sequence, a no-code, choice-driven story writing and reading tool.
- Developed a whiteboard tool for writers using **React.js** and the React Flow library, allowing them to create and edit movable text blocks, adjust connectors to map out story lines, and publish stories for readers to discover.

Software Developer   **October 2023**
First Place @ UNSW & Atlassian Product Hackathon   *Sydney, NSW*
- Developed Cookie AI, a tool that breaks down long assignment instructions into manageable and exportable subtasks.
- Interfaced with **Google Calendar API** using OAuth 2.0 to export subtasks as calendar timeblocks or to-do list items.
- Built application with **Node.js** and **Express.js**, utilizing **MongoDB Atlas** on **AWS** for data storage and retrieval.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, C++, Python, Java, PHP, SQL, HTML/CSS
Frameworks/Libraries: React.js, React Native, Vue.js, Node.js, Express.js, Ember.js
Technologies: Firebase, AWS (Amplify, S3, DynamoDB), MongoDB, MySQL, Git, GitHub, CI/CD