Davis, CA
edwinchang2024@gmail.com
(510) 579-4552

Edwin Chang

edwinchang.dev
GitHub/**EdwinChang24**

Education

University of California, Santa Barbara — College of Creative Studies, Class of 2028   **2024 — Present**
- Major: **Computing** (Computer Science B.S. Equivalent)
- GPA: **3.93**
- Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Linear Algebra, Differential Equations, Quantum Computing Fundamentals

Davis Senior High School, Davis, CA — GPA (unweighted): 3.96   **2021 — 2024**

Technical Experience

Google   **June — September 2025**
Associate Software Developer Intern
- Developed a page for loyalty program members in Google Play Store for Android, enhancing UX for over 2.5 billion monthly active users.
- Worked extensively across Play's full stack, in both Java and Kotlin, to implement content loading, filtering, and sorting in a high-traffic environment.

升级 (*sheng ji*) Display   **March — September 2024**
Solo Developer
- Created a cross-platform mobile app showing everyone at a table key information about an ongoing round of 升级 (*sheng ji*), a family of classic Chinese card games that bring people together.
- 升级 Display works on Android, Windows, Linux, and the web using Compose Multiplatform, and is responsive to screen size, so players can use the app on any phone or tablet.
- Built a website using Astro with Svelte, featuring complex scroll-based animations, to showcase the app's features.

***FIRST* Robotics Competition Team 1678: Citrus Circuits**   **August 2021 — June 2024**
Software Scouting Front-End Developer
- Led design and implementation of Android and desktop apps using the Kotlin programming language for a world-leading FRC robot scouting system, contributing significantly to the team winning its world championship division in 2022-2024.
- Headed a team of counselors at Davis Youth Robotics' summer RoboCamps, serving students through 8th grade.
- Led the Shelter Finder outreach project, collaborating with community members and developing a web app to help police officers in the local community locate available homeless shelters for those in need.

scadnano   **June 2022 — September 2024**
Software Engineering Intern under Prof. David Doty, UC Davis Molecular Computing
- Conducted software-based research on DNA nanotechnology by developing a web app, written in the Dart programming language using React and Redux, to help researchers design synthetic DNA nanostructures.

Computing Skills

Languages	Kotlin, Python, Java, C++, (X/YA/TO/HT)ML, CSS, JavaScript, TypeScript, Dart, LaTeX, Markdown, Typst
Operating Systems	Linux (Fedora, KDE Neon, Kubuntu), Windows 10/11, Android, ChromeOS, iPadOS
Libraries/Frameworks	Jetpack Compose, Compose Multiplatform, React, Vue, Svelte, Astro, Next.js, Nuxt, Redux, Tailwind CSS, Google Apps Script
Tooling	ChatGPT, Google Gemini, DeepSeek, Ollama, Git, GitHub (Copilot, Issues, PRs, Actions, Pages, Wikis, Gists, CLI), Renovate, Cloudflare (Pages, Workers, Domains, Wrangler), npm, Yarn, pnpm, Vite, Vercel, Zsh, Alacritty, Google Workspace, Android Studio, IntelliJ IDEA, Visual Studio Code, Kate, adb, asdf, zoxide
Other Software	Firefox, Thunderbird, Tailscale, GIMP, Inkscape, Discord, Slack, Obsidian, Kdenlive, F-Droid