Tommy Chow

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Frontend-focused software engineer specialized in building performant, polished, user-friendly mobile and web apps with frameworks including Flutter, Next.js, React Native, and SwiftUI. Proven track record in leading and collaborating with diverse teams to efficiently deliver complex products. Committed to continuous learning, open communication, and professional growth. Loves PC gaming, mechanical keyboards, and indulging in fried foods.

SKILLS

Frameworks and Libraries: BLoC, Expo, Flutter, MobX, Next.js, React, React Native, SwiftUI, Tailwind CSS
Languages: CSS, Dart, GraphQL, HTML, JavaScript, Python, Swift, TypeScript
Other: AWS, Docker, Fastlane, Figma, Firebase, Git, GitHub, GitHub Actions, Jira, Sentry, Vercel, VS Code, Xcode

WORK EXPERIENCE

Software Engineer, Mobile   Jan. 2023 - Present
Wildr   San Francisco, CA

- Contributed to the full SDLC of "Challenges", a key new tab in the Wildr app for enhancing user engagement through daily social and community events. Delivered from concept to launch within a 2-month timeline.
- Led frontend development of "Detox", an AI-powered web app for evaluating Twitter feed toxicity. Partnered with cross-functional teams to launch at SXSW within a 2-week window, attracting hundreds of new users.
- Optimized mobile app performance by leveraging best practices such as lazy-loading, batched rendering, image/video compression, and local caching, resulting in a 20-30% reduction of overall jank and loading times.
- Collaborated with QA and engineering teams to implement a streamlined bug reporting and resolution process, significantly improving bug triage efficiency and a 50% reduction of backlog bugs within 1 sprint.
- Elevated developer experience by refining linting rules, refactoring to named routes, composing build scripts, and establishing automated CI/CD workflows via GitHub Actions for streamlining testing and deployment.

Founder and Lead Developer   Jun. 2021 - Present
Frosty   New York, NY

- Conceptualized, developed, and marketed an open-source, cross-platform mobile app for Twitch, integrating features such as live video streams, interactive chat, custom GIF emote support, and accessibility settings.
- Successfully drove up impressions and user engagement by promoting the app across Reddit and Discord, eventually achieving a milestone of 200,000+ downloads and 50,000+ monthly active users within 1 year.
- Designed and developed an accompanying interactive marketing website with Next.js, Tailwind, and Framer Motion to further amplify product visibility, shareability, and accessibility.
- Established a partnership with 7TV, a widely-used browser extension and service for Twitch with 1,000,000+ active users, immensely extending the reach and influence of the app.

Information and Data Intern   Jul. 2019 - Aug. 2019
KAFSC (Korean American Family Service Center)   New York, NY

- Completed an internship at a nonprofit dedicated to aiding victims of domestic abuse and sexual assault.
- Collaborated with fellow interns and IT staff to perform safe and secure data migration of client information.
- Designed a range of assets and marketing materials including logos and posters for websites and documents.
- Contributed actively to and consistently participated in weekly community and fundraising events.

EDUCATION

B.S. in Computer Science   Jan. 2019 - Jun. 2022
University at Buffalo   Buffalo, NY

- **GPA**: 3.75/4.00, magna cum laude
- **Awards**: Dean's List Fall 2019, Fall 2020, Spring 2021