Tommy Chow

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Software developer and recent computer science graduate with proven expertise in crafting polished, user-friendly mobile and web apps with popular and powerful frameworks such as Next.js, React Native, and Flutter. Experienced in leading teams, collaborating with others, and working on a variety of projects. Committed to continuous learning, open communication, and professional growth.

SKILLS

Frameworks and Libraries: Django, Flask, Flutter, MobX, Next.js, React, React Native, SwiftUI, Tailwind CSS
Languages: C, C++, CSS, Dart, HTML, JavaScript, Python, Scala, Swift, TypeScript
Other: Docker, Fastlane, Figma, GitHub, GitHub Actions, Heroku, Sentry, Vercel, VS Code, Xcode, ZenHub

WORK EXPERIENCE

Frosty, Founder and Lead Developer (New York, NY)   Jun. 2021 - Present
- Engineered a cross-platform, open-source mobile app for Twitch featuring live streams and chat, custom emote support, customizable settings, and more. 80,000+ downloads and 25,000+ monthly active users.
- Architected with Flutter using the MVVM design pattern, MobX, and semantic versioning for releases.
- Automated deployments on the Apple App Store and Google Play Store with Fastlane and GitHub Actions.
- Designed and developed an accompanying marketing website using Next.js, Tailwind, and Framer Motion.
- Partnered with 7TV, a service and browser extension for Twitch with 1,000,000+ active users.

KAFSC, Information and Data Intern (New York, NY)   Jul. 2019 - Aug. 2019
- Completed an internship at a nonprofit focused on supporting domestic abuse and sexual assault victims.
- Collaborated with fellow interns and IT staff to securely perform data migration of client information.
- Designed assets and marketing materials including logos and posters for use in websites and documents.
- Actively contributed to and participated in weekly community and fundraising events.

EDUCATION

University at Buffalo, B.S. in Computer Science (Buffalo, NY)   Jan. 2019 - Jun. 2022
- **GPA:** 3.75/4.00 (magna cum laude); Dean's List Fall 2019, Fall 2020, and Spring 2021.
- **Relevant Coursework:** Data Structures and Algorithms, Web Applications, Software Engineering, Human-Computer Interaction, Interface Design, Computer Security, and Modern Networking.

PROJECTS

Stawks   Nov. 2022
- Developed a web app that renders charts, details, and news for a given stock ticker.
- Generated custom stock price history charts in several time frames with Chart.js and Tailwind.
- Achieved high performance through incremental static regeneration with Next.js and TypeScript.

Study Seeker   May 2022
- Built a responsive social web app to help students find the best match for a study buddy.
- Coordinated with an Agile team of 6 to design, develop, and test with Figma, React, and ZenHub.
- Acquired experience with front-end and UI/UX practices including usability and A/B testing.

Zeal   Dec. 2021
- Led a team of 5 in the development of an event-finding web app using Figma, React, Django, and Docker.
- Applied Agile practices through regular PM meetings and kanban on ZenHub, gaining hands-on experience with project management and teamwork.