Tommy Chow

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Education

University at Buffalo   Buffalo, NY
Bachelor of Science in Computer Science   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, Algorithms and Complexity, Algorithms for Modern Computing Systems, Web Applications, Software Engineering, Applied Human-Computer Interaction and Interface Design, Computer Security, and Modern Networking Concepts.

Work Experience

Frosty for Twitch   New York, NY
Founder   Mar. 2022 - Present
- Founded a free and open-source mobile app that enhances watching and chatting on Twitch through quality-of-life features, highly customizable settings, and custom emote support.
- Architected with Flutter using the MVVM design pattern, MobX.dart, and semantic versioning.
- Partnered with 7TV: a service and browser extension for Twitch with 1,000,000+ active users.
- Released on the Apple App Store and Google Play Store with 80,000+ downloads, 12,000+ DAU.

KAFSC   New York, NY
Information and Data Intern   Jul. 2019 - Aug. 2019
- Cooperated with interns and IT staff to perform data migration of client information from DonorPerfect to Salesforce using Excel functions, completing 2 weeks ahead of schedule.
- Collaborated daily with directors, managers, and community outreach coordinators to design logos and marketing materials for use in over 100 official documents and promotional items.
- Accelerated several significant projects including an overhaul of computer labs and servers, revamping the office network, and weekly reports to keep track of system security.

Projects

Stawks   Nov. 2022
- Designed and developed a web app that renders charts, details, and news for a given 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
- Developed 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
- Engineered an event-finding web app that allows users to explore, join, and manage events.
- Led a team of 5 to design, develop, test, and deploy using Figma, React, Django, and Docker.
- Attained hands-on experience with Agile practices through PM meetings and kanban on ZenHub.

Skills

Programming Languages: C/C++, CSS, Dart, HTML, JavaScript, Python, Scala, Swift, and TypeScript.
Frameworks: Django, Flask, Flutter, MobX, Next.js, React, React Native, SwiftUI, and Tailwind CSS.
Developer Tools: Docker, Fastlane, Git, GitHub Actions, Figma, Heroku, Sentry, Vercel, and ZenHub.