

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.tv.
- Architected with Flutter using the MVVM design pattern, MobX.dart, and semantic versioning.
- Released on the Apple App Store and Google Play Store with 50,000+ downloads, 500+ per day.
- Partnered with 7TV: a service and extension for Twitch.tv with 1,000,000+ active users.

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 network of the office, and weekly reports to keep track of system security.

Projects

Study Seeker

May 2022

- Developed a responsive web app that helps students find the best match for a study partner.
- 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.

The Gallery

May 2021

- Created a web app that lets users sign up to browse and upload images, comment, and chat.
- Implemented building and parsing of HTTP messages and WebSocket frames, token-based authentication, and server-side rendering with Python, JavaScript, and minimal libraries.
- Evaluated the core foundations of internet protocols, RFCs, and full-stack web development.

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.