

# Tommy Chow

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## Education

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### University at Buffalo

Buffalo, NY

Bachelor of Science in Computer Science

Jan. 2019 - May 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

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### 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 35,000+ 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

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### 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

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**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.