

Clarence Yeh

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EXPERIENCE

FreeBites | [iOS](#) | [Link](#)

Medford, MA

Technical Lead, Co-Founder

July 2023 – Present

- Leading 8 developers and 2 designers to build, launch, and support a React Native app (Expo, TypeScript, Node.js, MongoDB, Firebase) deployed on GCP Cloud Run, reaching 1000+ active users in less than 6 months post-release
- Built and maintained core features (posting, commenting, blocking), developed the landing site, managed backend infrastructure with CI/CD pipelines, and optimized performance to reduce memory usage and costs by 50%
- Scaled platform adoption across multiple universities by delivering admin dashboard, leading Android release, and securing \$5,000+ in funding through entrepreneurship competitions to support continued growth

English at Large | [Link](#)

Medford, MA

Technical Lead

Aug 2024 – May 2025

- Managed 11 developers to build a full-stack library app (Next.js, TypeScript, PostgreSQL) for a nonprofit serving 25+ immigrant communities, supporting 100+ tutors in Greater Boston
- Designed and developed REST APIs for role-based access, book borrowing, and automated email notifications, streamlining administration and enabling data-driven tracking of borrowing trends and tutor engagement

Markit Social (now Markit AI)

Boston, MA

Full Stack Software Engineer Intern

May 2024 – July 2024

- Built landing and explore pages on Markit's web application platform (React, CSS), targeting city and event-specific niches such as nightlife or tech events, increasing user engagement by 25%
- Migrated mobile app's infrastructure from Expo-based authentication to Firebase Auth, updating libraries and resolving compatibility issues, crashes, and UI bugs to improve app stability for 100,000+ users

Keep Mass Beautiful | [Link](#)

Medford, MA

Full Stack Developer

Sept 2023 – May 2024

- Collaborated on a Next.js/Node.js/MongoDB website-building platform for an environmental nonprofit, allowing its 42 chapters to build, create, and manage sites serving 30,000+ annual visitors
- Implemented user signup, image cropping, and front-end components to improve usability across chapter sites

Tufts Department of Computer Science

Medford, MA

Course Assistant – Web Programming and Development

Sept 2023 – May 2024

- Supported 70+ students by teaching HTML, CSS, JavaScript, and MongoDB via office hours and online forums

PROJECTS/LEADERSHIP

MyVoterInfo | [Link](#) (Hackathon Winner)

Medford, MA

Full Stack Development

Feb 2024

- Created a React Native application with Firebase, Expo, TypeScript, and Tamagui to create a user-friendly mobile app that checks users' registration status as well as nearby voting locations

Floor7 | [Link](#)

Medford, MA

Backend Development

Feb 2024

- Developed a real-time virtual career fair (TypeScript, WebSockets, and WebRTC), enabling users to network in a multiplayer environment while waiting for recruiter 1:1s

Taiwanese Association of Students at Tufts

Medford, MA

Co-President, Senior Advisor

May 2022 – May 2025

- Co-led a student organization to foster an inclusive community for 50+ students, planning and executing semesterly events with 300+ attendees, and managing yearly budgets over \$10,000

EDUCATION

Tufts University

Medford, MA

B.S. in Computer Science | GPA 3.7; magna cum laude

May 2025

SKILLS

Languages: TypeScript, JavaScript, C, C++, C#, Node.js, Python, SQL, Java, HTML, CSS

Frameworks: React, React Native, Next.js, Expo, Tailwind CSS

Cloud Services/Databases: MongoDB, PostgreSQL, Firebase, Google Cloud

Other: REST API Design, Unity, Davinci Resolve, Adobe Premiere