

Zachary Klein

(310) 845-5320 | zachkklein@gmail.com | [linkedin.com/in/zachkklein](https://www.linkedin.com/in/zachkklein) | zachkklein.com

EDUCATION

Tufts University

Aug. 2024 – May 2028

B.A. Computer Science

Medford, MA

- **Relevant Courses:** Introduction to Computer Science, Calculus I

TECHNICAL SKILLS

Languages: C++, Python (flask, FastAPI, matplotlib, pandas), Java, HTML/CSS/JavaScript

Technologies: Node.js, React.js, Git

Tools: Github, Trello, Photoshop

EXPERIENCE

Software Developer

Sep. 2024 – Apr. 2025

Tufts Jumbocode

Medford, MA

- Developing an application for Tufts University Counsel to search a prescription data database for medical use. Utilizing **React.js** for front-end development and **Python** for back-end implementation
- Collaborating with a team of ten, primarily upperclassmen, using GitHub for version control and progress tracking in a shared development environment.

Development Intern

June 2024 – Aug. 2024

Glassman Media

Los Angeles, CA

- Developed creative content, including gameshow questions for *The Wall*, social media for *the Professional Horseshoes League*, and pitch decks for network presentations.
- Collaborated on TV show concepts, **programmed and created live demos for TV concepts**, produced on-set content, and supported administrative tasks across various projects.

PROJECTS

Sock Finder | *Hack the Wave Hackathon*

Oct. 2023

- **Achieved first place at Hack the Wave, San Diego's largest high school hackathon**, by developing an innovative project that detects and matches sock images from a database
- Programmed the front-end using **HTML, CSS, and JavaScript**, and connected the back-end with the **Python library Flask**, to create seamless integration and functionality.

Movie Finder | *Tufts Coding Academy*

July 2023

- Developed a website that recommends movies for users who struggle to decide what to watch, searching through a database of **over 50,000 movies** to provide personalized suggestions
- Programmed the front-end using **HTML, CSS, and JavaScript**, and connected the back-end with the **Python library Flask**, to create seamless integration and functionality.

SERVICE

English as a Second Language Tutor

Sep. 2024 - Present

Tufts Hillel/McGlynn/Medford Cultural Partnership

Medford, MA

- Educate adult learners from the Medford community who are eager to improve their English language skills, fostering a supportive and engaging learning environment
- Develop comprehensive lesson plans tailored to the needs of individual students as a **certified English as a Second Language tutor through the TESOL International Association**.
- Provide essential child care services for learners with children, allowing them to fully participate in classes without worrying about their child's well-being