Joey Huang

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EDUCATION

Temple University — **Expected May 2026**

*Bachelor of Science in Computer Science – **GPA:** 3.94/4.0*

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Software Design, Machine Learning, Cloud Computing

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, SQL, HTML/CSS, Bash, Shell
Frameworks & Libraries: React.js, Node.js, Next.js, Express.js, NumPy, Pandas
Developer Tools: Git, Github, Linux, AWS, Postgres, MongoDB, Vim, Docker

EXPERIENCE

Software Engineer Intern — March 2024 – June 2024

8by8 — *Remote*

- Migrated **10+ React.js** and **JavaScript** components to a scalable **Next.js** and **TypeScript** architecture, improving developer productivity, optimizing server-side rendering (SSR), and enhancing application performance, SEO, and load speed.
- Engineered secure authentication and user registration **REST APIs**, implementing authorization and input validation to streamline account creation and voter registration through the Challenge app.
- Implemented unit tests using **Jest** and integrated them into the CI/CD pipeline, achieving **100%** code coverage to ensure software reliability and prevent production-level bugs.
- Collaborated with the development team using **Git** for version control, conducting peer code reviews to ensure high code quality, maintainability, and performance optimization.

PROJECTS

Ezclips | *React, Node.js, Express.js*

- Developed and deployed a Chrome extension that automates extraction of Twitch highlights and uploads videos to TikTok, reducing manual content creation time by **80%** and achieving **60,000+** views and **3000+** likes across published clips.

GymPal | *React Native, Node.js, Express.js, MongoDB*

- Built a full-stack workout and calorie tracking application integrating the USDA FoodData Central API, enabling access to 7000+ food items for accurate nutritional data.
- Implemented secure authentication with bcrypt and JWT, protecting user data across sessions.

ArchiveScraper | *React*

- Developed a Chrome extension providing eBay search access from any browser context, eliminating the need to leave the current webpage.
- Integrated eBay's API to deliver up-to-date listings and implemented persistent local storage, enabling access to saved items.

JoyBot | *Python*

- Created a Discord bot enabling YouTube video playback and queue management features for increased community engagement.
- Leveraged multi-threading to handle concurrent tasks, ensuring responsive performance under load.