Hao Ly

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SKILLS

Languages: JavaScript, Python, HTML, CSS, Java, C, C++, TypeScript

Frameworks/Libraries: React, Next.js, Node.js, Express, Flask, TailwindCSS, Bootstrap

Tools: Git, Github, Linux, Firebase, MongoDB, MySQL, ESLint, Postman, Visual Studio Code, Android Studio

WORK EXPERIENCE

Application Developer Intern   **May 2024 - Aug 2024**
The Yiddish Arts and Academics Association of North America   *Remote*
- Developed and deployed cross-platform applications using Flutter and Firebase, ensuring seamless functionality across Android, iOS, Windows, and Mac.
- Conducted comprehensive testing with Android Simulators, achieving a 99% user satisfaction rate.
- Enhanced team efficiency by actively participating in Agile Scrum processes, including sprint planning, weekly stand-ups, and retrospective meetings, contributing to the successful delivery of high-quality software.

Full-Stack Web Developer   **Jan 2023 - May 2024**
Freelance   *Remote*
- Designed and implemented full-stack web applications for various clients, including integrated advanced features such as secure payment gateways, user authentication, and real-time search, increasing client engagement by 30%.
- Ensured client satisfaction by maintaining clear communication and delivering custom software solutions aligned with business objectives.

PROJECTS

AlgoLocker | *Next.JS, React, Typescript, HTML, TailwindCSS, Firebase, Visual Studio Code*
- Led a team of 3 developers in creating a web application for organizing and storing LeetCode solutions, utilizing Next.js and TypeScript for a responsive interface and integrating Firebase for secure authentication with multiple login options (Google, GitHub, etc.).
- Enhanced code efficiency by 25% through the implementation of reusable components and optimized state management, ensuring robust performance and maintainability.

Mobile Weather App | *XML, Java, Weather API, Android Studio*
- Led a 2-member team in developing an Android weather app that provides real-time and forecasted weather data for global locations
- Designed a clean, user-friendly interface using XML, and integrated the OpenWeatherMap API for accurate weather updates.

Chatbot | *Flask, Python, HTML, CSS, OpenAI API, Visual Studio Code*
- Designed and implemented a rule-based chatbot using Python and Flask, incorporating predefined patterns, fuzzy matching, and OpenAI API to enhance user interactions and provide intelligent responses.

LEADERSHIP

Founder   **June 2024**
AlgoSync
- Founded and led a community by implementing engagement strategies, organizing content creation initiatives, and facilitating knowledge exchange across various tech domains.

EDUCATION

California State University, Fullerton   **Aug 2022 - May 2025**
Bachelors of Science in Computer Science   Fullerton, CA