

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

- Designed and launched cross-platform applications using Flutter and Firebase, achieving seamless compatibility across Android, iOS, Windows, and Mac. Collaborated closely with the UI/UX team to translate Figma designs into functional, user-friendly interfaces.
- Enhanced team productivity by actively participating in Agile Scrum processes, providing weekly progress reports, implementing feedback-driven updates, and rigorously testing with Android Simulators to ensure top-notch user experience.

Full-Stack Web Developer

Jan 2023 - May 2024

Freelance

Remote

- Engineered and deployed full-stack web applications for diverse clients, delivering high-impact projects like a hotel booking platform and an e-commerce site featuring advanced functionalities such as secure payment gateways, user authentication, and real-time search capabilities.
- Facilitated successful client outcomes by maintaining clear, consistent communication and providing tailored software solutions aligned with business objectives.

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.

PROJECTS

AlgoLocker | *Next.js, React, Typescript, HTML, TailwindCSS, Firebase, Visual Studio Code*

- Collaborated with a team of 3 developers to build a web application for organizing and storing LeetCode solutions, leveraging Next.js, TypeScript, and Tailwind CSS for a responsive, and user-friendly interface.
- Implemented Firebase for robust authentication and secure data storage, supporting diverse login methods such as Google, GitHub, and Email/Password.

Mobile Weather App | *XML, Java, Weather API, Android Studio*

- Led a 2-member team to create an Android weather application, enabling users to view real-time and forecasted weather data for any location, including current and global cities.
- Engineered the app interface using XML and Java, integrating with the OpenWeatherMap API to deliver precise weather updates and a seamless user experience.

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.

EDUCATION

California State University, Fullerton

Bachelors of Science in Computer Science

Aug 2022 - Dec 2024

Fullerton, CA