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, Postman, Visual Studio Code, Android Studio, RESTful API

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, achieving a 99% user satisfaction rate through comprehensive testing with Android Simulators.
- 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 with advanced features, increasing client engagement by 30%.
- Delivered custom software solutions through clear communication, ensuring alignment 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, RESTful API, Android Studio*

- Directed a 2-member team to develop an Android weather app, delivering real-time and forecasted weather data using RESTful API.
- Designed a user-friendly interface with XML, increasing user engagement by 15% due to seamless data integration and accurate weather updates.

Chatbot | *Flask, Python, HTML, CSS, RESTful API, Visual Studio Code*

- Collaborated with 3 developers to design and implement a rule-based chatbot using Flask and Python, enhancing user interactions with predefined patterns and fuzzy matching.
- Integrated RESTful API from OpenAI, achieving 90% user satisfaction by providing accurate 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 - Dec 2024**

Bachelors of Science in Computer Science   Fullerton, CA