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   San Diego, CA
- Developed and deployed cross-platform applications using Flutter and Firebase, achieving a 99% user satisfaction rate by conducting 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 through structured team collaboration and continuous improvement.

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% through user-focused design and feature optimization.
- Delivered custom software solutions by ensuring alignment with business objectives, through clear communication with stakeholders, resulting in improved client satisfaction and project success.

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, increasing development efficiency and collaboration by 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, resulting in improved performance and maintainability of the application.

Mobile Weather App | XML, Java, RESTful API, Android Studio
- Led a 2-member team to develop an Android weather app, increasing user engagement by 15% through a user-friendly interface and seamless integration of real-time weather data via a RESTful API.

Chatbot | Flask, Python, HTML, CSS, RESTful API, Visual Studio Code
- Collaborated with 3 developers to create a rule-based chatbot using Flask and Python, achieving 90% user satisfaction by integrating OpenAI's RESTful API for accurate, context-aware responses.

LEADERSHIP

Founder   **June 2024**
AlgoSync
- Founded and led AlgoSync, a community platform that connects bloggers and programmers to share knowledge about the tech industry and job market, fostering collaboration and professional development.
- Increased community engagement by 50% through the creation of informative blog posts and educational videos on YouTube, providing valuable insights for tech enthusiasts.

EDUCATION

California State University, Fullerton   **Aug 2022 - Dec 2024**
B.S. Computer Science   Fullerton, CA