Hao Ly

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EDUCATION

California State University, Fullerton   **Expected Graduation Date:** Dec 2024

Bachelors of Science in Computer Science   Fullerton, CA

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

Coursework: Data Structures, Software Engineering, Algorithm Engineering, Operating System Concepts, Open-Source Software, Mobile Development Programming

WORK EXPERIENCE

Application Developer Intern   May 2024 - Aug 2024

The Yiddish Arts and Academics Association of North America   *Remote*

- Developed and implemented cross-platform applications using Flutter and Firebase, ensuring compatibility across Android, iOS, Windows, and Mac, while translating Figma designs into functional projects in collaboration with the UI/UX team.
- Contributed to a Scrum and Agile team by providing weekly reports, updating tasks based on feedback, and conducting thorough testing with Android Simulator devices to ensure a high-quality user experience.

Freelance Full-Stack Web Developer   Jan 2023 - May 2024

Self-Employed   *Remote*

- Developed and maintained full-stack web applications for various clients, with standout projects including a hotel booking website for the hotel business and an e-commerce business with checkout, search, user sign-up/log-in, and secure payment functionalities.
- Ensuring clear communication and tailored solutions that met business or client goals.

Participant   Feb 2024 - Feb 2024

FullyHacks Hackathon   *Fullerton, CA*

- Collaborated via Git and Github with a team of 3 developers to participate and develop a web application where people can save their solution after they finish a LeetCode problem in the 24-hour hackathon.

PROJECTS

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

- Collaborated with a team of 3 developers to create a web application for organizing and storing LeetCode solutions, using Next.js, TypeScript, and Tailwind CSS to ensure a responsive and user-friendly interface.
- Implemented Firebase for secure authentication and data storage, supporting multiple login methods including Google, GitHub, and Email/Password.

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

- Led a 2-member team to develop an Android weather app that allows users to check current and forecasted weather for any location, including their current location and any city worldwide.
- Utilized XML and Java to design the application interface and implement all functionalities, including integration with the OpenWeatherMap API for accurate weather data retrieval.

LEADERSHIP

Community Founder   June 2024 - Present

AlgoSync   *Remote*

- Leading a community of passionate bloggers and programmers to share knowledge, connect, and learn from each other by sharing knowledge through quality blog posts and videos.