Hao Ly

kevinly0609@gmail.com | github.com/lyquochao84 | linkedin.com/in/haolyy | haolyydev.com

EDUCATION

California State University, Fullerton   Fullerton, CA
B.S in Computer Science   **Graduation Date:** December 2024

SKILLS

- **Languages**: HTML, CSS, Javascript, Java, C++, Python, Typescript
- **Front-End:** React, Next.JS, Tailwind, Bootstrap
- **Back-End**: Node.JS, Express.JS, Firebase, MongoDB, MySQL
- **Other**: Git, Github, Linux, Tensorflow, Postman

WORK EXPERIENCE

FullyHacks | *Hackathon*   Feb 2024
Participant
- Leveraged Next.js and Express.js to architect and develop a robust web application during a 24-hour hackathon, integrating MySQL for efficient data management and Tailwind CSS for a responsive and visually appealing user interface.
- Implemented collaborative workflows through Git and GitHub to streamline group development and ensure version control for the project.

Freelance Web Developer   Jan 2023 – Present
Self-Employed
- As a freelance web developer, I independently tackle diverse client projects, translating design concepts into fully functional and visually compelling websites.
- Proficient in a variety of technologies, I specialize in crafting responsive, user-friendly interfaces, and offering tailored solutions that meet clients' specific needs and expectations.

PROJECTS

AlgoLocker | *Next.JS, Typescript, Firebase (Firestore, Fireauth)*   Feb 2024 - Present
- Creating a platform for programmers to efficiently organize and store their coding solutions on LeetCode and HackerRank, integrates Next.js for a seamless and responsive user interface.
- Leveraging Firebase, specifically FireAuth for secure user authentication and Firestore for efficient data storage, users can log in using Google, Github, or our platform's native registration.
- Implemented in TypeScript, the project ensures type safety and improved development workflows, offering programmers a centralized hub to manage and enhance their data structure, algorithm practices, and coding skills.

Bookuter | *Next.JS, Javascript, Express.JS, Node.JS, MySQL*   Oct 2023 - Jan 2024
- Implemented server-side rendering and improved SEO using Next.js for the front end.
- Express.js facilitated seamless data communication between the user interface and MySQL, ensuring optimal user interactions and efficient storage and retrieval of product and user data.

Stop Touching Face | *React.JS, CSS, Tensorflow*   Jun 2023 - Aug 2023
- Implemented a facial recognition AI system using TensorFlow.js' KNN-Classifier and MobileNet libraries, which was trained rigorously to detect and alert users based on facial touch or hand-lowering actions, providing proactive guidance and prompt notifications.

Weather App | *Java, Weather API*   Jan 2023 - May 2023
- Developed a Java-based weather Android application that seamlessly integrates APIs to provide users with real-time and comprehensive weather information for the current day and the next five days.