

Hao Ly

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EDUCATION

California State University, Fullerton

Fullerton, CA

B.S in Computer Science

Graduation Date: December 2024

SKILLS

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

WORK EXPERIENCE

The Yiddish Arts and Academics Association of North America

May 2024 - Present

App Developer Intern

- Developed a cross-platform application (Android, iOS, Web) named "Yiddish Connect" using Flutter.
- Integrated Firebase for backend services such as authentication, database, and cloud storage.
- Collaborated with senior developers using Git and GitHub for version control and code reviews.
- Enhanced app features and fixed bugs based on user feedback and testing.

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 | React, Next.JS, Typescript, HTML, TailwindCSS, Firebase

Feb 2024 - Present

- Develop a platform for organizing and storing coding solutions from Leetcode using Next.JS and TailwindCSS for a responsive user interface on all devices
- Utilize Firebase (Fireauth and Firestore) for secure authentication and efficient data storage, supporting Google, Github, and Email/Password Login
- Implemented in Typescript for type safety and better workflows

Stop Touching Face | React, HTML, CSS, Tensorflow

Jun 2023 - Aug 2023

- Implemented a facial recognition AI system using TensorFlow.js' KNN-Classifer 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 | XML, 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.