

Hao Ly

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EDUCATION

B.S. Computer Science
California State University, Fullerton

Graduation Date: Dec. 2024
Fullerton, CA

SKILLS

Languages: HTML, CSS, Javascript, Java, C/C++, Python, Typescript

Front-End: React, Next.JS, TailwindCSS, Bootstrap

Back-End: Node.JS, Express.JS, Flask, Firebase, MongoDB, MySQL

Other: Git, Github, Linux, Tensorflow, Postman

WORK EXPERIENCE

App Developer Intern | *The Yiddish Arts and Academics Association of North America*

May 2024 - Present

- Collaborated with senior developers and team members using Git and GitHub to develop "Yiddish Connect," a social media app for learning the Yiddish language and connecting people.
- Utilized Flutter for cross-platform development (iOS, Android, Web) and integrated Firebase for user authentication (Google Sign-In, Phone Sign-In) and data storage.

Freelance Web Developer | *Self-Employed*

Jan 2023 - Present

- As a freelance web developer, I independently tackle diverse client projects, translating design concepts into fully functional and visually compelling websites.
- I specialize in crafting responsive, user-friendly interfaces, and offering tailored solutions that meet clients' needs and expectations.

Participant | *FullyHacks Hackathon*

Feb 2024 - Feb 2024

- Developed a web application in 24 hours using Next.js, MySQL, and Express.js during a hackathon.
- Collaborated with teammates through Git and GitHub for efficient project management and version control.

PROJECTS

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

- Developed a web application to help students and developers organize and store Leetcode solutions to prepare for coding interviews using Next.js and TypeScript, featuring a responsive interface with Tailwind CSS.
- Implemented Firebase for secure authentication and data storage, supporting Google, GitHub, and Email/Password logins.

Stop Touching Face | *React, HTML, CSS, Tensorflow*

- 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.

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

- 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.

Chatbot | *Python, Flask, OpenAI API*

- Collaborated with teammates to develop a rule-based chatbot that generates answers based on the user's inputs through our predefined pattern and fuzzy matching algorithms