

Yen-Hung Lai
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Github: <https://github.com/YenHungLai>
Portfolio: <https://yenhunglai-portfolio.netlify.com>

Objective: To obtain an entry-level position in the Software Engineering field.

Education

Embry-Riddle Aeronautical University, Prescott, AZ
Bachelor of Science, Software Engineering

December 2019
CGPA 2.82/4.0

Computer Skills

Programming Languages: JavaScript, HTML, CSS, Python
Frameworks/Libraries: React, Node.js, Express, Material UI, Tailwind
Technical Tools: Git, NPM, Gulp

Work Experience

Incluvie Web Development Intern

Aug 2019 – Current

- Work as a web development intern at Incluvie LLC, Boston. Use React, Firebase, and Node.js to build web applications. Responsibilities include implementing new frontend components, restructuring Firebase backend services, refactoring existing code, and developing new functional design.

Project Experience

Capstone Project: SchoolProtectorSoftware System: *Member of 4-person team*

- Developed the requirements, design, code, and tests in a team for a school safety assessment software system used by security administrators at Embry-Riddle Aeronautical University. Presented the design in front of a panel of engineering faculties and defended it. Utilized a single page web application. Developed the front end using React along with tailwind.css for styling. Utilized Firebase to store data and implemented backend functions to process user input data. The application is hosted using GitHub Pages.

To-do List Application: *Individual project*

- Developed a fullstack to-do list application that allows users to create, update, and delete their tasks. The front end was built using React and the backend was built using Express.js, which also connected the application to MongoDB in order to store all the to-do items.

Fish E-commerce Application: *Individual project*

- Developed a fullstack e-commerce application to sell my family's seafood products online. The user interface was built using React and Material UI. The backend was built using Google's Firebase, which consisted of user authentication, data storage, and client notification.

Cryptocurrency Trading Robot: *Individual project*

- Created a cryptocurrency trading robot that manages buying and selling operations of all major cryptocurrencies on the market, such as Bitcoin, Ethereum, XRP, etc. Developed using Python and the FCoin API. FCoin is the first global community-based digital trading platform. As of May 24, 2019 the application has been making steady profit every day.

Command Line Interface Chat: *Member of 4-person team*

- Developed the requirements, design, code and tests in a team for an interactive command line chat application using the web socket protocol and Node.js. The application allows clients to send private messages to each other and join rooms to group chat with other users. It also allows users to block other users.

Club Involvement

- Computer Science Club
- Society of Asian Scientists and Engineers (SASE)
- Basketball Club