

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

Objective: To obtain a software engineering position.

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, Typescript, Python
Frameworks/Libraries: React, Redux, Vue, Node.js, Express, Flask, Material UI
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, implementing and restructuring Firebase backend services, refactoring existing code, and developing new functional design.

Project Experience

Fish E-commerce Application: *Individual project*

- Developed a fullstack e-commerce platform for a seafood business. The user interface was built using React and Material UI. The backend services were implemented using Firebase. The application consists of a products page, shopping cart, checkout page, and an administrator page that allows the owner to add or remove products, adjust pricing, view customer orders, and change order status using a user-friendly interface.

Web Crawler Application: *Individual project*

- Created a web crawler that takes in an URL of a web page and provides information such as images, links, and texts of the page. The application is built using BeautifulSoup, Flask, and Vue.

Cryptocurrency Trading Robot: *Individual project*

- Developed 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.

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.

Club Involvement

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

Awards and Certificates

- Dean's List, ERAU, Spring 2017