Henry Li

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Software Engineer

https://github.com/Henrycodeproj
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https://henryli.info/

Eager recent university graduate, who is a self-educated software engineer with fundamental knowledge of Object Oriented Programming/Design and standard coding practices. Ready to provide innovative solutions and ideas in order to solve complex problems with a perseverance mindset. Adaptable to unfamiliar technologies and proficient in creating full-stack, interactive, user focused web applications.

SKILLS

Technologies: Python, JavaScript, NodeJS, Mongodb, Mongoose, MySQL/SQL, HTML, CSS, Bootstrap, REST API, Data Structures, Algorithms, Git, O.O.P./Design
Frameworks: Flask, Django, React JS, Express JS,
Languages: English, Cantonese

PROJECTS

Unplug Project   **April 2022 — Present**
Node JS, Express JS, React JS, Mongodb, Mongoose   *https://github.com/Henrycodeproj/Unplug*

- Conceptualized innovative solution to combat college student loneliness and campus engagement.
- Utilized Mongodb cloud to create back-end REST API
- Designed schema for users and implemented user token authentication.
- Applied standard client and server coding practices for readability and scalability.

Random Recipe Generator   **Jan 2022 — February 2022**
React JS   *https://github.com/Henrycodeproj/Random-recipe-generator-React*

- Asynchronous fetch calls to TheMealDb API for recipe data and images.
- Implemented Framer Motion to create interactive and smooth animations.
- Designed user centered application to save queried recipes using local storage.

Blog Project   **Oct 2021 — Dec 2021**
Python, Flask, HTML, CSS, JavaScript, Bootstrap, MySQL   *https://github.com/Henrycodeproj/Blog-project*

- Launched a full-stack C.R.U.D. micro blogging site to provide a social platform for open discussion about board games with at least 10 daily visitors.
- Created MySQL schema to handle user information and posts.
- Implemented Relational tables for users, comments, followers and likes.
- Applied JavaScript fetch function for asynchronous updating and routing.
- Integrated user authentication and token password reset.

EDUCATION

B.S. in Cognitive Science focused in AI/HCI. University of California, Santa Cruz   **Sep 2019 — June 2021**

EXTRACURRICULAR ACTIVITIES

Chinese Student Association	Sep 2019 — Jun 2021
Vietnamese Student Association	Sep 2019 — Jun 2021
Cognitive Science Student Association	Sep 2019 — Jun 2021

AWARDS

Cameron House Academic Scholarship

PERSONAL INTERESTS

Photography, Coding, Aquascaping, Biking, Board games, Piano, Hiking, Car Work, Sightseeing, Cooking, Basketball, Chess