Henry Li

Software Engineer

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SKILLS

Technologies:	Python, JavaScript, NodeJS, Mongodb, Mongoose, MySQL/SQL, HTML, CSS, Bootstrap, REST API, Data Structures, Algorithms, Git, Object Oriented Programming/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 integrate user and post schemas.
- Adopted JWT token authentication and incorporated bcrypt for password encryption .
- Deployed REST API architecture and constructed server architecture.

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

- Executed Asynchronous fetch calls to TheMealDb API for recipe data and images.
- Adopted Framer Motion and created interactive and smooth animations.
- Designed user centered application and streamlined application performance using local storage.

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

- Deployed 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.
- Devised MySQL schema to handle user information and posts.
- Implemented Relational tables for users, comments, followers and likes.
- Applied seamless updating and routing through HTTP methods.
- Integrated user authentication and back-end architecture.

Turtle Game **Sep 2021 — Oct 2021**
Python *https://github.com/Henrycodeproj/Turtle-python-wall-game*

- Executed game mechanics inspired from a board game called Quoridor.
- Exposure to object oriented programming and design.
- Experimented with python learning library and restructured existing classes for game development.

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