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Henry Li

Software Engineer

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Recent graduate with a Cognitive Science degree, eager to further pursue passion for coding and innovative technology through programming. Ready to relentlessly contribute unique solutions and ideas to solve complex problems. Well prepared to handle unfamiliar and modern technologies as well as proficiency 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, Object Oriented Programming/Design
Frameworks: Flask, Django, React JS, Express JS
Languages: English, Cantonese

EDUCATION

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

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 to encourage campus engagement.
- Utilized Mongodb cloud to integrate user information and post schemas.
- Adopted JWT token authentication and incorporated Bcrypt for password encryption.
- Deployed REST API and server architecture.

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

- Restructured and launched modern cookbook page design in order to help users sift for new and random recipes.
- Integrated Framer Motion for interactive animations and Material UI for an elegant, yet simple interface.
- Designed user centered application and enhanced application performance using local memory 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 SQL-Alchemy for database queries and management.
- Applied seamless updating and routing with JSON and REST API.
- Incorporated Flask Login for user authentication and Flask Admin to easily access database from website.

EXPERIENCE

Pinkberry Shift-Leader **Dec 2017 — Jan 2019**

- Input daily transactions into Macy's database.
- Managed new trainees and instructed use of Macy's register software.
- Increased customer retention through excellent customer service.

EXTRACURRICULAR ACTIVITIES

Chinese 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