Henry Li

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Software Engineer

https://github.com/Henrycodeproj
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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

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 — *Repository*

- Conceptualized solution to combat college student loneliness and to encourage campus engagement with a social platform to post live student activities
- Utilized Mongodb cloud to integrate user information, post schemas and account verification tokens
- Adopted JWT token authentication for additional user security and incorporated Bcrypt hashing for password encryption
- Constructed server architecture to pass information as JSON as well as error handling and database queries

Random Recipe Generator — **Jan 2022 — Feb 2022**
React JS — *Repository | Demo*

- 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, simple, and mobile-friendly interface
- Maximized application simplicity with search functionality and step-by-step cooking instructions in addition to enhanced application performance using local memory storage to access saved recipes

Blog Project — **Oct 2021 — Dec 2021**
Python, Flask, HTML, CSS, JavaScript, Bootstrap, MySQL — *Repository | Demo*

- 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,likes, comments, posts and Implemented SQL-Alchemy for database queries and management
- Optimized application performance by loading static pages and using JavaScript for any asynchronous updating
- Incorporated Flask Login for user authentication and session handling as well as Flask Admin for live database management.

EXPERIENCE

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

- Input daily sales transactions into Macy's database
- Managed new trainees and instructed use of Macy's register software

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