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# Henry Li

## Software Engineer

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<https://henryli.info/>

### 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, 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 through REST API and utilized Mongoose for 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 vanilla 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