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# Henry Li

Software Engineer

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## SKILLS

**Technologies:** Python, JavaScript, TypeScript, NodeJS, Mongodb, Mongoose, MySQL/SQL, HTML, CSS, REST API, Data Structures, Algorithms, Git, Object Oriented Programming/Design

**Frameworks:** Flask, Django, React JS, Express JS, Jest, Pytest, AGILE/SCRUM, Jira

**Languages:** English, Cantonese

## EDUCATION

**B.S. in Cognitive Science focused in AI/HCI.** University of California, Santa Cruz

Sep 2019 — June 2021

## EXPERIENCE

**VantageScore**

April 2023 — July 2023

*Full-Stack Software Engineer (Contract)*

- Aided in converting Credit Score Model into python classes to standardize and score millions of records for the three Major Credit Bureaus
- Implemented mock designs and functionality for landing page for over 1,000+ users using ReactJS
- Collaborated with software engineers to integrate 3rd party API with in house infrastructure
- Constructed unit tests for mission-critical REST API responsible for credit scoring

## PROJECTS

**Unplug Project**

April 2022 — Present

*Node JS, Express JS, React JS, Mongodb, Mongoose*

[Repository](#) | [Demo](#)

- Conceptualize solution to combat college student loneliness and to encourage campus engagement with a social platform to post live student activities on campus
- Utilize Mongodb cloud to integrate user information, schemas and account verification tokens
- Adopt JWT token authentication for additional user security and incorporated Bcrypt hashing for password encryption
- Construct REST API endpoint architecture and incorporated web sockets for live chat functionality

**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 complex interactive animations and Material UI framework for an elegant, streamlined, and mobile responsive interface
- Maximized application simplicity with search functionality and step-by-step cooking instructions
- 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.

## PERSONAL INTERESTS

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