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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, AWS

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

Languages: English, Cantonese

EXPERIENCE

VantageScore

April 2023 — July 2023

Full-Stack Software Engineer (Contract)

- Converted 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
- Integrate 3rd party API for bank authorization and information to work with company credit scoring model
- Created unit tests with Pytest framework for mission-critical REST API endpoints responsible for credit scoring
- Implemented and managed staging and development environments using Terraform

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.

EDUCATION

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

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