Henry Li

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Software Engineer

https://github.com/Henrycodeproj
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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 100 daily visitors 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
- Collaborated with Devops team to manage Amazon EC2 staging and development environments using Terraform
- Increased credit scoring readability and modernization by 50% with Python NumPy library

PROJECTS

Unplug Project   **April 2022 — Sept 2023**

Node JS, Express JS, React JS, Mongodb, Mongoose   *Repository | Demo*

- Conceptualize solution to combat college student loneliness and to encourage campus engagement
- Utilize Mongodb cloud to manage user information, schemas and account verification tokens
- Adopt JWT token authentication for additional user security
- Incorporated Bcrypt hashing for password encryption
- Construct REST API endpoint architecture and used 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 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 platform for open discussion about board games with 10 daily visitors
- Devised MySQL schema to handle user information, likes, comments, posts and Implemented SQL-Alchemy to simplify database queries
- Optimized application performance by loading static pages and using vanilla JavaScript for any asynchronous updates
- Applied Flask-Login for user authentication and session handling as well as Flask-Admin for live data management

EDUCATION

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