

Henry Li

Software Engineer

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WORK EXPERIENCE

VANTAGESCORE (CONTRACT)

Remote

Software Engineer

Apr 2023 – July 2023

- 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+ daily visitors using ReactJS
- Integrate 3rd party API for bank authorization and information to work with in-house credit scoring model
- Test-Driven Development and created unit tests with Pytest framework for mission-critical REST API endpoints
- Collaborated with Devops team to manage staging and development environments using Terraform

PROJECTS

UNPLUG PROJECT

April 2022 - Dec 2022

Node JS, Express JS, React JS, MongoDB, Mongoose

- 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

- Restructured and launched modern cookbook page design in order to help users sift for random recipes
- Integrated Framer Motion for complex interactive animations and Material UI framework for a 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

RANDOM RECIPE GENERATOR

Oct 2021 - Dec 2021

Python, Flask, HTML, CSS, JavaScript, Bootstrap, MySQL

- Restructured and launched modern cookbook page design in order to help users sift for random recipes
- Integrated Framer Motion for complex interactive animations and Material UI framework for a 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

SKILLS

Technical Skills: OOP, Rest API, AWS, Data Structures, Algorithms, Git

Languages: Python, SQL/NOSQL, Javascript, TypeScript, HTML/CSS

Frameworks: Django, NodeJS, Flask, ReactJS, Jest, Pytest, Agile/SCRUM, Terraform, MongoDB, Express

EDUCATION

UNIVERSITY OF CALIFORNIA SANTA CRUZ

Bachelor of Science in Cognitive Science with a focus in AI/HCI