Daniel Yi

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Education

California State University, Long Beach

B.S. IN MANAGEMENT INFORMATION SYSTEMS   *Dec. 2017*

- Systems Analysis and Design | Application Programming (Java / Python) | Database Management (SQL)

Projects

Ingredients App

REACT, NODE.JS, EXPRESS, POSTGRESQL

- Allows for users to sign up and create a personal list of ingredients. Ingredients can be sorted and filtered by name, category, stock, and priority.
- Promotes better utilization of stock and what is a priority to reduce waste for personal or business use.
- Implement React for state management and dynamic UI, Express for REST API and user authentication, and PostgreSQL for storing and relating ingredients to the user.

Company Website Redesign

HTML, CSS

- Identify modern web design aspects that the site is lacking.
- Introduce responsiveness, a mobile-friendly layout, and a better user interface.
- Compare the original to the redesign and present simple fixes to the marketing department that can improve the overall website.

API Projects

HTML, CSS, JAVASCRIPT

- Develop sites that consume data from different APIs using Fetch.
- Process the data and manipulate the DOM using event listeners and query selectors.

Related Courses

CS61B - Data Structures

JAVA

- Utilize Java to understand the principles of data structures.
- Learn how to traverse data and learn basic sorting algorithms.
- Build a double ended queue using an array list and linked list to better understand how it is implemented in the standard Java library.

CS61A - Interpretation of Computer Programs

PYTHON

- Build a turn based dice rolling game with rules and multiple strategies.
- Build a typing game that tracks WPM and uses auto correct.
- Build a Plants vs Zombies clone using object oriented programming.

Skills

Languages	Javascript, Python, Java, HTML, CSS
Frameworks	ReactJS, ExpressJS
Tools	Redux, NodeJS, PostgreSQL, Git, NPM, Webpack, VSCode

Work Experience

Associated Builders and Contractors   *Anaheim, CA*

ACCOUNTANT   *Feb. 2019 - Aug. 2021*

- Manage reports that determine which clients have legal obligations that we must enforce in order to follow ERISA federal guidelines.
- Provide value to clients by assisting them in abiding to the aforementioned guidelines.
- Submit monthly revenue and statistical analysis reports to the Trustees to support their fiduciary responsibilities.
- Produce financial summaries by coordinating with other departments.
- Present cost allocation reports to the Finance Director and President/CEO for approval.