Auna Ivy Huynh

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Skills

Python, React.js, Redux, JavaScript, Express, HTML5, CSS3, Docker, Node.js, Sequelize, SQLAlchemy, SQL, PostgreSQL, Heroku, Git, REST API, Flask

Projects

Logiderm   live site | github

Python, JavaScript , React / Redux , SQLAlchemy , PostgreSQL, CSS3 , Heroku, Git

Skincare data analysis website

- Engineered an algorithm using Python's random module to procedurally generate products with an ingredients list resembling actual skincare to populate the database using SQLAlchemy
- Crafted a scalable function to systematically analyze each product and make the necessary associations in the PostgreSQL database as new products are added to the database, making them instantly searchable for the user
- Built a modular React component to implement an add / edit / delete modal for "routines" while adhering to DRY coding principles and making the website more scalable

Programmatic   live site | github

HTML5 , AWS , JavaScript , CSS3 , Python , React / Redux, PostgreSQL, SQLAlchemy, Heroku

Render Dijkstra's Algorithm

- Instantiated a graph using JavaScript to implement Dijktra's algorithm to find the shortest path between two nodes and track the traversal order
- Constructed a grid using React and CSS3 to visually render the algorithm's traversal and shortest path
- Create a mouseover event listener that triggers a CSS3 Keyframe animation

Rufus   live site | github

Express, Node.js, JavaScript , React / Redux , PostgresQL , CSS3 , Heroku, Git

Yelp clone for dog-related businesses

- Used a JSON class method to convert user inputted operating hours consisting of 14 React state variables into a single column in the Postgres database. The object was designed specifically to to be accessed and reformatted using JavaScript into a user-friendly format on each restaurant page

FoodHub   live site | github

Express, Node.js, JavaScript, Pug, PostgresQL , CSS3 , Heroku, Git

Goodreads clone for restaurants

- Utilized Sequelize to query and manipulate the PostgreSQL database to reflect user input. Crafted the logic for the data (total reviews and average ratings) using JavaScript to accurately display the rating statistics

Education

App Academy | Fall 2021 | Remote

Intensive full-stack software development course (1000+ hours) with extremely competitive admission (3% acceptance rate)

University of Florida | Spring 2021 | Gainesville, FL

College of Liberal Arts and Science, BA of Economics; concentration in Mathematics