Huyen Nguyen

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SKILLS
JavaScript, Python, React, Redux, Express, NodeJS, PostgreSQL, SQL Server, Flask, Linux, HTML, CSS, Sequelize, SQLAlchemy, Alembic, REST APIs, Object Oriented Programming

PROJECTS

Haute Stuff | (*React/ Redux, Node.js, Express, Sequelize, CSS3, HTML5, AWS S3)*   **live** | **github**
- Utilized React hooks to preserve or update data in components with every re-rendering of the page
- Implemented React's drag and drop package and AWS S3 to provide users different options for image uploads
- Created profile pages for users by authenticating with JWT and hashing passwords with Bcrypt to ensure security
- Targeted HTML elements with CSS selectors to assign style and designed a pink and nude color scheme to showcase different clothing brands

Hobby Hub | *(React/ Redux, Python, Flask, PostgreSQL, AWS S3, HTML5, CSS3, SQLAlchemy))*   **live** | **github**
- Maintained organization by condensing code in each file through props to pass data from parent to child components in React
- Applied boto3 and its helper functions to allow users the alternatives of creating posts with or without images
- Crafted Redux store to execute AJAX calls with thunks and dispatched actions with data from the response in order for the reducer to modify state in components
- Executed React's UseEffect() hook to display error validations and handle edge cases when a form is submitted

Travel Bucket | *(React/ Redux, Python, Flask, PostgreSQL, HTML5, CSS3, SQLAlchemy)*   **live** | **github**
- Incorporated the Date() constructor in JavaScript and DateFields in WTForms to grant users the ability to select the timeframe of trips and events
- Achieved inviting other users by implementing many-to-many relationships with SQLAlchemy's relationship() function and appending users to join tables
- Integrated Google Maps API for users to locate destinations and plan events in the vicinity
- Collaborated with group members through daily stand ups and pair programming to complete features

EXPERIENCE

Behavior Interventionist
Acuity Behavior Solutions   Dec 2020 - May 2021
- Enhanced language, communication, and social skills of children with special needs using positive reinforcement
- Monitored a child's progress by recording each time a goal was accomplished through the Catalyst Client app and wrote daily reports to summarize events occurred during one-on-one sessions

Researcher
Cal Poly Pomona   Sept 2019 - Sept 2020
- Operated different technologies such as the potentiostat to perform experiments
- Graphed line charts composed of 9-15 data points per experiment with Excel to highlight correlation between different test cases
- Scheduled and held weekly meetings to discuss experimentation results and future plans with the team

EDUCATION

App Academy, Full-Stack Software Development Course (2021-2022)
Cal Poly Pomona, Bachelor of Science Biochemistry (2017-2020)