Huyen Nguyen

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SKILLS

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

PROJECTS

Hobby Hub | *(React/ Redux, Python, Flask, PostgreSQL, AWS S3, HTML5, CSS3)*   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

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 rerendering 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

Travel Bucket | *(React/ Redux, Python, Flask, PostgreSQL, HTML5, CSS3)*   **live** | **github**
- Incorporated JavaScript's Date() constructor in React and DateFields in WTForms for users plan the timeframe of their trips
- Achieved inviting other users through many-to-many relationships and appending users to join tables with Flask
- Integrated Google Maps API allowing users to locate their destinations and plan events in the vicinity

Petsonalities | (*Node.js, Express, Sequelize, PUG, CSS3, HTML5)*   **live** | **github**
- Validated input data with Express validator middleware to require user information in the backend and send error messages for missing information
- Collaborated with 4 teammates through kanban boards and daily pair programming sessions
- Designed a pet theme with CSS selectors to target elements and flexbox to position them

EXPERIENCE

Behavioral 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 on to Dr. Peng Sun

EDUCATION

App Academy, Full-Stack Software Development Course | Dec 2021
Cal Poly Pomona, Bachelor of Science Biochemistry, 2017-2020