Aaron Bruce

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Skills

React / Hooks, Express.js, Node.js, JavaScript, Python, Flask, SQLAlchemy, postgreSQL, Agile Development, Heroku, Webpack, Firebase, Git, Trello, Jira, web3.js, Solidity, Communication, Problem-Solving

Projects

Maximum   live | github

JavaScript, Express.js, Node.js, Pug, CSS3, PostgreSQL, Sequelize, Heroku, csurf

A Medium.com clone, users can write stories, follow other users, and like their stories.

- Developed express.js RESTful API for user clapping, and commenting on stories.
- Designed user login, signup, new-story, and comment pages using custom CSS classes.
- Drafted application's postgreSQL database; initialized, migrated, and seeded using sequelize ORM.

Campy   live | github

JavaScript, Python, React.js, Flask RestX, SQLAlchemy, Alembic, CSS3, PostgreSQL, Heroku, Google API, Firebase

Camp-site search and scheduling companion. Users can search, view, and book a stay at a location.

- Constructed Python Flask RestX routes for Calendar, designed constraints to prevent invalid POSTs.
- Utilized Air-bnb's react-dates Calendar component, UI/UX date selection to protect against double booking.
- Implemented Firebase-Storage for location-detail images using a carousel to display site pictures.

Tarot Card App   live | github

JavaScript, React.js / Hooks, JSON, HTML5, CSS3, Heroku

Simulates a 78-card tarot deck, Select a spread, shuffle, and draw. Click to flip and view card details..

- Engineered each React component as an individual card spread using Hooks to manage the app's state and useEffect for initial load and setting of a deck.
- Coding custom shuffle methods to invert cards using boolean values assigned in the JSON data-set which allow multiple meanings to arise with a spread's layout with the same card.
- Design spread using media queries to accommodate screen-size

Pocket Broker   live | github

JavaScript, React.js / Hooks, Python, Flask RestX, HTML5, MaterialUI, PostgreSQL, CoinGecko API, CanvasJS, Heroku

Crypto-currency price tracker. Select a currency and timeframe to view price fluctuations and statistics.

- Configure User Authentication with JWT session tokens to allow unique user login and signup.
- Invoke cryptocurrency price data from CoinGecko and render to view using CanvasJS. graphing module. Laying out price data and statistics by the selected time frame and desired cryptocurrency.

Experience

Information Specialist | October 2018 - October 2019

Potoo Marketing Solutions

- Performed investigative and researching for fortune 500 companies on over 1000 sellers which resulted in the cease-and-desist of unauthorized distribution of client products on Amazon and Ebay.
- Programming custom scripts that cut report writing time by 50%.
- Testing, debugging, & troubleshooting dashboard products following quality assurance protocols.

Education

App Academy | Spring 2020 | Online

Full stack web development training with 3% acceptance rate and over 2,000 hours computer science immersion.

Tunxis Community College | Spring 2018 | Farmington, CT

Computer Engineering and Information Technology certificate training utilizing C++, JAVA, Visual Basic, and SQL

Central Connecticut State University | Spring 2016 | New Britain, CT

Double Bachelors in Psychology and Criminal Justice with focus on law enforcement and research.