BROOKS POLTL

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Skills

LANGUAGES
TypeScript
JavaScript
Python
C
GraphQL
SQL

FRONTEND TECHNOLOGIES
HTML
CSS
LESS
SASS
ReactJS
React Native
Redux
Apollo Client

BACKEND
Node
Express
Knex
Django
JSON Web Tokens

DATABASES
SQLite3
Postgres
MongoDB

TESTING
Jest
Supertest
Mocha
Chai

TOOLS
Visual Studio
Git
Github
Heroku
Netlify
NPM
Yarn

Projects

compound-interest-calc
Github
June 2019 to June 2019

NPM package that allows you to input initial value, amount, years, interest rate, and period to calculate compound interest. The algorithm returns the result and data you can use to graph the total future value versus the principal per year.

- Developed an algorithm to calculate compound interest
- Created test to make sure the algorithm responds with intended results
- Published the algorithm to the NPM package registry for other programmers to use in their projects

CAPM Calculator
Github
May 2019 to May 2019

this app calculates the expected return on equity of S&P 500 companies using a linear regression going back the amount of months you would like.

- Utilized the AlphaVantage and Quandl API to get historical market and stock data
- Ran a linear regression using Python to find the correlation between the stock and the market
- Used Django to create an endpoint to get the data
- Deployed Django app to Heroku

Labs 10 Lodgel
Github
Feb. 2019 to Mar. 2019

Lodgel is a POS application that allows property managers to interact with their cleaners and guest. Lodgel allows property managers to create surveys and allows guest to see progress on the cleaning status of the house they are staying at.

- Used Git version control to work in a four person group to add additional functionality to an existing project
- Followed Agile software development to submit the feature complete product
- Added the ability to create surveys and send them to the guest
- Implemented a guest dashboard to allow the guest to get directions, surveys, and cleaning status of the house they are staying at
- Created the ability to fill out a survey on the guest dashboard, and make that response viewable to the project manager

Lambda notes
Github
Jan. 2019 to Jan. 2019

Lambda Notes is a note taking app that allows you to create, edit, and delete notes.

- Used a public API to perform CRUD operations
- Implemented Redux to manage state
- Created a higher order component to simulate authentication
- Deployed project using Netlify

UI-Project-Week
Github
Nov. 2018 to Nov. 2018

Built a basic frontend using Semantic HTML, LESS, and Javascript.

- Implemented responsive web design to make the website more accessible
- Created variables and mixins using LESS
- Used Javascript to implement tabs on the services page

Employment

Belk Department Store
Sales Associate
Mckinney, Texas
June 2015 to Jan. 2016

- Full-time seasonal employee over summer and winter break
- Developed an in depth understanding of the product and communicated this to the customer
- Worked to reach daily, weekly, and monthly sales goals
- Top sales 5 days in a row during the holiday retail season, with a sales staff of 20 fulltime employees

Education

Lambda School
Web Development & Computer Science 2019
Oct. 2018 to Current

Lambda School is a 30 week Computer Science & Software Engineering Academy that provides an immersive hands-on curriculum with a focus on computer science, software engineering, and web development.

Texas Tech University
BBA Finance 2018
GPA: 3.0
Aug. 2014 to May 2018