

# 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](#)

June 2019 to June 2019

[Github](#)

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](#)

May 2019 to May 2019

[Github](#)

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](#)

Feb. 2019 to Mar. 2019

[Github](#)

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](#)

Jan. 2019 to Jan. 2019

[Github](#)

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](#)

Nov. 2018 to Nov. 2018

[Github](#)

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

Mckinney, Texas

Sales Associate

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

Oct. 2018 to June 2019

#### Web Development & Computer Science 2019

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

Aug. 2014 to May 2018

#### BBA Finance 2018

GPA: 3.0