Judah Esses

917-538-8280 | judahesses@gmail.com | Judahesses | judahesses.netlify.com

As an aspiring Data Scientist with a great passion for tech, I bring an open-minded and persistent perspective, given my experience in full-stack web development, real estate, data entry, and e-commerce. I am hungry to continue succeeding and growing as a Data Scientist, and eager to jump into the tech world.

TECHNICAL PROJECTS

Collaborative Book Recommender - https://github.com/Judahesses/Collaborative-Book-Recommender-System
Item-Item and User-User recommender system for books
+ Used GoodReads API to extract 25,000 users with their books, ratings, and userID
+ Used matplotlib and seaborn to visualize most popular books in our dataset
+ Used pandas to analyze and reshape our dataset
+ Used SciPy and Scikit-learn to create a sparse matrix and perform cosine distance on our reshaped dataset

FAANG in 5 - https://github.com/Judahesses/FAANG-in-5
Will you profit over 5 years investing in Facebook, Apple, Amazon, Netflix, and Google?
+ Used requests to get stock data from https://www.worldtradingdata.com API
+ Created an algorithm to store data on a given stock as a csv and load it up as a pandas dataframe
+ Ran Dickey Fuller tests on the stock data to find the best p-value
+ Used SARIMAX to find best parameters for p, d, q and used that to predict FAANG 5 years in the future
+ Used FB prophet to make predictions on FAANG and to compare their results with my results

Hawkish or Dovish? - https://github.com/Judahesses/Mod-3-Project--FOMC-Classfier-NLP
Predicting if interest rates in the US will increase (Hawkish) or decrease (Dovish) using Natural Language Processing
+ Used requests to get FOMC statements from https://www.federalreserve.gov/newsevents
+ Used NLP to convert documents into TF-IDFs so we can be able to successfully train models on them
+ Used Machine Learning models such as Logistic Regression, Random Forest, and MultiNomial Naive Bayes
+ Used GridSearch to optimize our models and find the best parameters giving us the best results

TECHNICAL SKILLS

Git • GitHub • Python • Web Scraping • SQLite • Pandas • Matplotlib • Seaborn • Machine Learning • scikit-learn • SciPy • TensorFlow • Keras • Regex • NLP • Recommender Systems • Time Series • Neural Nets • JavaScript • PostgreSQL • React

EXPERIENCE

Flatiron School, New York, New York
Data Science Fellow, *Jan 2019 - May 2019*
+ 15 Week immersive program where I was challenged to learn an extensive amount of content in a short amount of time. Covering data analyzation using pandas, data visualization using matplotlib and seaborn, as well as a vast array of machine learning models, natural language processing, recommender systems, time series analysis, and neural networks through different libraries such as scikit-learn, and scipy.

General Assembly, New York, New York
Full-Stack Web Development, Engineering Fellow, *May 2018 - Aug 2018*
+ 12 Week immersive program where I was challenged to learn an extensive amount of content in a short amount of time. We covered and became familiar with a vast array of programming languages, frameworks, and technologies. I was given the opportunity to apply all of this new knowledge with in class exercises and building applications individually or within a group environment.

Townley inc., New York, New York
Online Sales, *Sep 2016 - Dec 2017*
+ Worked together with the Vice President of Sales in managing inventory and stock levels across all E-comm marketplaces
+ Helped set up the online business
+ Created listings of our products on sites such as Amazon, Groupon and Walmart

EDUCATION

Flatiron School - *2019*
+ Data Science Immersive

General Assembly - *2018*
+ Web Development Immersive