PIZON SHETU

Data Scientist | Engineer | Python Developer

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PROJECTS

Implemented and designed a Convolutional Neural Networks – Classification

- Build a classification for different species of birds that predicted 98% accuracy
- Leveraged pre-trained model VGG16 and fine-tuned through Bayesian Optimization and freezing/unfreezing CNN layers.

Big Mountain Resorts – Regression Model

- Created a competitive pricing model by analyzing their attractions and facilities to their competitors, model allowed us to increase revenue by $3.4 million.

Web Scraper – JavaScript

- Worked and collaborated to build a data extraction tool on an interactive webpage.
- Users can search and store data on json file which are stored in a cloud database.

New York Housing Price Prediction - Decision Tree

- Cleaned and Implemented MICE imputations on invalid and missing data for Zillow's housing data set
- Provided key insights and underlying distribution into NYC housing market, such wealth gap, cost of homes, and migration of native residents

Database for College Classes – SQL

- Created a relational database which hosts class schedules for spring semester of Queens College.
- All classes are scheduled to facilitate no two classes being in the same room and time.

Login Authentication – Python, Flask

- Build user login authentication tool on python using flask API to test functionality of storing user login and HTTP request

EXPERIENCE

Front-End Web Developer

ProMarketingHub

2020 Queens, NY

— Improved user experience via implementing modals to show thumbnails and images for a fluid and responsive interaction.
— Increased user base by implementing various design features to improve the clarity and functionality of the website.
— Assisted senior team in building website layout for

Entry-Level Analyst

Centerplate

2016 - 2020 Elmont, NY

— Performed data entry, sorting, and analysis on client to increase revenue
— Worked with marketing team to find solutions for more customer engagement
— Analyzed food data to find most popular orders to maximize pricing

EDUCATION

Springboard Data Science Bootcamp

Online   2021

Performed and implemented full Python Data Science Stack, Data Wrangling, Statistical Inference, Supervised and Unsupervised Machine Learning, Deep Learning, SQL

BA: Computer Science and Applied Math

NY, Queens   2016 - 2020

Double Major in CS and Mathematics focused on Statistic and Bayesian Models

TECH STACK

Python   Java   Git   HTML   R   Excel   JavaScript   Databricks   MonboDB

HDFS   HBase   MapReduce   Pandas   TensorFlow   Seaborn