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 on building website layout

Entry-Level Analyst
Centerplate

2016 - 2020 Elmont, NY

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

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