

PIZON SHETU

Data Scientist | Engineer | Python Developer

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PROJECTS

Designed and built Convolutional Neural Network for Image Recognition – Classification

- Utilized Keras API to build a classifier 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

- Collaborated with a team of 4 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 over 75K invalid and missing data for Zillow's housing data
- 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

- Built 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 by implementing modals to show thumbnails and images for a fluid and responsive interaction.
- Increased user base by 10% via implementing various design features to improve the clarity and functionality of the website.
- Assisted senior team on building website layout based on customer needs

Entry-Level Analyst

Centerplate

2016 - 2020 Elmont, NY

- Performed data entries, sorting and analysis on 10K+ client data to assist with greater customer engagement.
- Increased customer orders by 13% by incentivizing coupons and combo deals.
- Analyzed food data to find most popular orders to restructure pricing and maximize profits
- Created and presented data visualization of findings for regional head of customer acquisition

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, A/B Testing, etc.

BA: Computer Science and Applied Math

NY, Queens 2016 - 2020

Relevant Coursework: Statistic, Bayesian Models, Linear Algebra, Linear Programming, Machine Learning in R.

TECH STACK

Python	Java	Git	HTML	R	Excel	JavaScript	Databricks	MongoDB
HDFS	HBase	MapReduce		Pandas		TensorFlow	Seaborn	