Janam Patel

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WORK EXPERIENCE

Kohl's | New York, NY **Oct. 2017 – May 2021**

OMNI Store Associate

- Administered a team of Eight associates during the seasonal period to help management achieve established goals - was awarded Employee of the Month
- Lowered online order cancellation rate by 20% through the mean of processing over 200 shipping orders daily
- Increased in-store pickup order rate by over 25% by lowering the queue wait time for customers

WayUp | New York, NY **June 2019 – Aug. 2019**

Sales and Data Operations Intern

- Streamlined the mailing of reports by utilizing Salesforce's proprietary programming language Apex to automate the creation of daily, and quarterly reports
- Entire Salesforce cleanup using Python and Google Sheets resulting in increased team productivity by 15%
- Identified and researched for more than 400+ eligible clients, and leads

PROJECTS

Music Genre Classification **Jan. 2022 – Mar. 2022**

- Engineered Convolutional and Artificial Neural Networks on GTZAN dataset to distinguish music genres using MFCC features and spectrograms
- Achieved 91.13% accuracy on thirty second audio signals, and 92.87% accuracy on three second audio signals

Analyze and Predict game outcome for League of Legends **Jan. 2022 – Mar. 2022**

- Leveraging PySpark's built-in SQL API and machine learning functionality to predict game outcomes and performing EDA
- Utilized Scikit-learn's GridSearch on PySpark dataframe for hyperparameter tuning and accomplished accuracy of 91% for the testing dataset and 92% for the training dataset

Stock Price Prediction with ML and Sentiment Analysis **June 2021 – Sept. 2021**

- Predicted stock price for *n numbers* of days in future based on stock market metrics and sentiment analysis obtained by using StanfordCoreNLP and NLTK
- Implemented different ML and NLP models for sentiment analysis and price prediction, to achieve 60% accuracy with model returning 0.5% to 4.8% in profit

Building a Song Recommendation and Analyzer System **Jan. 2021 – Mar. 2021**

- Collected and analyzed 340K+ songs and Top 100 Billboard's features obtained from Spotify API and Soundiiz using concurrent futures library to speed up the data collection process by 70%
- Engineered a recommendation system using Scikit-Learn's cosine similarity combined with the angular distance

EDUCATION

Drexel University, College of Computing, and Informatics **Sept. 2020 – June 2022**

Master of Science | Data Science

York College, City University of New York **Aug. 2017 – June 2020**

Bachelor of Science | Computer Science

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML, C++

Database Management Systems: MySQL, NoSQL

Machine Learning: Regression Models, Classification Models, Neural Networks, Deep Learning

Big Data Analytics: Apache Hadoop (MapReduce), Apache Spark

Tools/Libraries: Tensorflow, Keras, PySpark, Scikit-learn, Pandas, NumPy, PyMongo, Salesforce, Gephi

Language: English, Hindi, Gujarati, and Urdu