

Janam Patel

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EDUCATION

Drexel University, College of Computing, and Informatics
Master of Science | Data Science

Philadelphia, PA
Sept. 2020 – June 2022

York College, City University of New York
Bachelor of Science | Computer Science

New York City, NY
Aug. 2017 – June 2020

WORK EXPERIENCE

Kohl's

Store Associate

New York City, NY

Oct. 2017 – May 2021

- 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

Sales and Data Operations Intern

New York City, NY

June 2019 – Aug. 2019

- 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 resulted in increased team productivity by 15%
- Identified and researched for more than 400+ prospective 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 92.87% accuracy by breaking down the thirty second audio signals into 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 perform EDA and predict game outcomes
- Utilized Scikit-learn's GridSearch on PySpark dataframe for hyperparameter tuning to accomplished accuracy of 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

TECHNICAL SKILLS

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

Database Management Systems: MySQL, NoSQL

Machine Learning: Regression Models, Classification Models, Neural Networks, Deep Learning, Natural language processing

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

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

Language: English, Hindi, Gujarati, and Urdu