

# Janam Patel

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## EDUCATION

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

**Sept. 2020 – June 2022**

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

**Aug. 2017 – June 2020**

## WORK EXPERIENCE

**Kohl's | New York, NY**

**Oct. 2017 – May. 2021**

OMNI Store Associate

- Seasonal Lead of the Department to help management achieve established goals - was awarded Employee of the Month
- Maintaining orders processed per day above 95% and order cancellation rate below 5%
- Ship out 200+ online orders and process 70-100 Pick-up orders daily

**WayUp | New York, NY**

**June 2019 – Aug. 2019**

Sales and Data Operations Intern

- Identified and researched for more than 400 potential clients, and leads
- Provided Sales Operations support at the direction of Director of Sales Operations
- Entire Salesforce clean up and automated for creation and mailing of reports and updating accounts

## ACADEMIC PROJECTS

**GTZAN Music Genre Classification**

**Jan. 2022 – Mar. 2022**

- Used ANN, and CNN models to classify genre for the GTZAN dataset based on their MFCC features
- Achieved the accuracy of 92.87% on our testing dataset for three seconds long audio signals and 91.13% for the 30 seconds long audio signals

**Analyze and Predict game outcome for League of Legends**

**Jan. 2022 – Mar. 2022**

- Using PySpark to perform EDA and built in ML functionality to predict game outcome and compare it with the Scikit-learn's Grid Search
- Obtained 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 the stock price for  $n$  numbers of days in future based on sentiment analysis
- Implement different ML and NLP models for sentiment analysis and price prediction

**New York City Crime Analysis**

**June 2021 – Sept. 2021**

- Collect and study the crime data to see any trends across New York City's five boroughs
- Performed data analysis to investigate any time, events, or location-based trends in crime across NYC

**Building a Song Recommendation and Analyzer System**

**Jan. 2021 – Mar. 2021**

- Collected 370k+ songs and Top 100 Billboard and analyzed their features
- Engineered the recommendation system by using cosine similarity and Scikit-Learn preprocessing tools

## TECHNICAL SKILLS

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

**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:** Tableau, Tensorflow, Keras, Pandas, NumPy, PySpark, PyMongo, Scikit-learn, Gephi, Salesforce, Photoshop, Illustrator, DiscoverOrg, LinkedIn Sales Navigator

**Language:** English, Hindi, Gujarati, and Urdu