

# Janam Patel

New York City, NY 11365

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## EDUCATION

### Drexel University

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

### WayUp / New York, NY

Sales and Data Operations Intern

June 2020 – Aug. 2020

- Identified and researched for more than 400 potential clients, and leads
- Provide 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

### Stock Price Prediction with ML and Sentiment Analysis / Drexel University

June 2021 – Sept. 2021

- Collection of stock market, and news article headlines data
- 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 / Drexel University

Mar. 2021 – June 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
- Comparing different types of crimes across five boroughs throughout the years of 2015-2019

### Social Network Analysis for Game of Thrones / Drexel University

Mar. 2021 – June 2021

- Studying the Game of Thrones dataset to create and study the social matrix and network of the data
- Utilize Graph theory and network analysis, to study different centrality of each character and the royal house
- Prove and visualize the graph centralities calculated with the help of networkx and Gephi

### Building a Song Recommendation and Analyzer System / Drexel University

Jan. 2021 – Mar. 2021

- Utilize Spotify API and Soundiiz to collect song features information (danceability, speechiness, loudness, etc.)
- Collected and analyzed about 370,000 songs to study the average of features for Top 100 Billboards and their relationship to see which features have a strong and weak correlation
- Built a song recommender system with the help of cosine similarity and sklearn's preprocessing

### Scraping Data: Collecting Video Game Information / Drexel University

Sept. 2020 – Dec. 2020

- Use of SerpAPI to scrape information from Google's Knowledge Graph
- Successfully collected information on 11,000 titles of past videogames for popular consoles
- Analyzed the popularity of consoles and video games for different regions and genres

## LEADERSHIP EXPERIENCE

### Kohl's | Seasonal Lead of the Department

Oct. 2019 – Dec. 2019

- Help management achieve established goals for the holiday season – awarded for Employee of the Month
- Leading a team of Eight associates daily
- Maintaining orders processed per day above 95% and order cancellation rate below 5%

## TECHNICAL SKILLS

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

**Software:** Microsoft Office, G Suite, Gephi, Salesforce, Photoshop, Illustrator, DiscoverOrg, LinkedIn Sales Navigator

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