

# RIDHIMA SHINDE

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## EDUCATION

**New Jersey Institute of Technology ( Newark, NJ)**  
Master of Science in Information Science

May 2019

## PROFESSIONAL EXPERIENCE

**New Jersey Institute of Technology ( Newark, NJ)**  
**Outreach Assistant for Women in Computing**

Sept 2018 – May 2019

- Organized coding workshops and encouraged high school girls to explore the field of Computer Science

**New Jersey Institute of Technology ( Newark, NJ)**

**Data Analyst**

Sept 2018 – Dec 2018

- As a part of Capstone project, led a team of three to analyze historic data fetched from NYC Open Data and created predictive models using machine learning (Logistic Regression, Naïve Bayes and Decision Tree).
- Performed exploratory data analysis on 36 different attributes with over 6 million records to obtain correlations across multiple geographic and demographic factors. Results presented with various plots
- Utilized supervised learning algorithms and achieved an overall accuracy of 83% for predicting crimes

**YAI, Inc. ( Manhattan, NYC)**

**Data Analyst Intern**

May 2018 – Aug 2018

- Provided recommendations to YAI stakeholders for establishing a person-centric unique identifier to function across the entire YAI technical ecosystem by analyzing production data
- Engineered the solution by mapping essential records in Salesforce CRM database with Alteryx Designer
- Systemized the data processing 15% faster than existing process with custom workflows

**MyTenant ( Pune, India)**

**Data Analyst**

Feb 2016 – Jan 2017

- Provided creative solutions for reporting and dissemination of data which helped to understand the weaker zones of the business and developed dashboards to project forecasted business needs
- Reviewed monthly targets using vlookup, hlookup, pivot tables and developed dashboards for reporting data analysis and visualization of the metrics. Reports influenced business decisions

## TECHNICAL SKILLS

**Statistical Programming Languages:** Python, R

**Reporting and CRM Tools:** Tableau, Tableau Prep, Advanced Excel, Salesforce

**Data Mining Tools:** R Studio, Rapid Miner, Weka, MATLAB

**Other Tools:** Git/Github, SQL, Alteryx, SSMS, MongoDB Compass, GCP BigQuery, AWS EC2, SAP

**Experience with:** Scikit learn, Numpy, Pandas, Matplotlib, Plotly, Seaborn, Folium

## RELEVANT COURSEWORK

Enterprise Database Management, Data Analytics for Information Systems, Web Mining, Transaction Mining and Fraud Detection, Information Systems Principles, System Analysis and Design, Business Process Innovation, A/B Testing, Google Analytics

## PROJECTS

Sept 2017-Present

- **Analysis of Crime in New York-** Created a dashboard in Tableau depicting the frequency and categorization of crimes in New York City. Performed market basket analysis to understand the association between the crimes.
- **Logistic Regression for Credit Card Fraud-** Implemented and carried out exploratory data analysis of credit card transactions using logistic regression in Rstudio. Compared model results for under-sampling and over-sampling. Mined 492 separate frauds out of hundreds of thousands of transactions collected in the dataset.
- **Mining of Zomato dataset-** Implemented data mining techniques such as classification and prediction in Python. Created word clouds as a text mining methodology. Used Sci-kit learn for machine learning algorithms.

## ACHIEVEMENTS

- President of Graduate Women in Computing Society (G-WICS) and E-board member of Association of Computing Machinery-Women (ACM-W) at NJIT. ( Sept 2018- May 2019)
- Won ExxonMobil's data challenge at Hackers 2019 Hackathon, featured in Devpost's newsletter (Mar 2019)