

# Aniket Maheshwari

(763)-340-5687 | [anikmaheshwari0298@gmail.com](mailto:anikmaheshwari0298@gmail.com) | [rorschach02.github.io/aniket\\_maheshwari/](https://rorschach02.github.io/aniket_maheshwari/)  
| [github.com/rorschach02](https://github.com/rorschach02)

## Education

**University at Buffalo, The State University of New York**

**Aug 2021 - Feb 2023**

Masters in Data Science & Applications (GPA 3.7/4.0)

**St. Xavier's College , India**

**Jul 2017 - Sept 2020**

Bachelors in Computer Applications (CGPA 7.6 / 10)

## Experience

**Software Engineer**

**Nov 2020 - Jun 2021**

[Evahak Mobility Pvt. Ltd.](#)

- Teamed with 5 people to procure client project requirements, created backend applications leveraging the Python framework Django, and maintained SQL scripts and complex queries for analysis and extraction
- Developed Restful API using Django rest and MySQL for inventory management, which made operations more manageable for the company to keep track of all the equipment
- Managed Cross Browser Compatibility of different browsers like Internet Explorer, Google Chrome, Firefox, Opera, and Safari to get a responsive web app.

**Data Analyst**

**Jun 2019 - Oct 2020**

[Silverwing Technologies Pvt. Ltd.](#)

- Automated the reporting system of Silverwing's sales data on Tableau by connecting the Salesforce database for the operations and management team, which decreased 9 man-hours per week
- Initiated and maintained the contact Database for the Marketing department and the automation involved with keeping the database updated
- Developed and Deployed an in-house ETL pipeline for data migration. Prototyping in python and version controlled in git.
- Implemented SQL queries to optimize query performance by exercising Indexes, Joins, Aggregation, and Subqueries. Improved overall product query performance by 30% in the production environment
- Responsible for data aggregation, data cleansing, missing value imputation and descriptive and inferential analysis.
- Actualized and published 20+ customized interactive Tableau reports and dashboards, along with data refresh scheduling using Tableau Desktop and Tableau Server
- Managed tableau dashboard in Tableau server and optimized dashboard performance.
- Clean data and processed data into maneuverable deliverables within specific format with Excel macros and features scaling, features engineering using python libraries like pandas and NumPy packages in python.

## Projects

**Human Activity Recognition using Smartphone Sensor (LSTMs , Machine Learning Algorithms)**

- Build a Model that predicts human activities such as Walking, Standing, Laying, Sitting
- Implemented Logistic Regression, Linear SVC, Kernel SVM, Decision Tree, Random Forest Classifier and Gradient Boost with Linear SVC giving the highest accuracy of 96.47%
- Fitted Deep Learning LSTM models with 1 Layer and 2 Layer on RAW data and getting accuracy of 91%

**Suicide and Depression Detection (Python, Steamlit , LSTMs , CNN, Machine Learning algorithms)**

- Created a text classification model to classify posts with suicidal intentions using various NLP techniques
- Implemented a web crawler to collect data from Twitter and Reddit to train the model and designed a backend server using Flask to serve the classification model through REST-api and frontend using Steamlit
- Performed modeling methods like linear SVMs, logistic regression, XGBoost and BERT and got accuracy of 86 %

## Skills

[Programming Languages](#): Python, R, Scala , Java

[Web Development](#) : JavaScript , HTML , CSS, Bootstrap , Django

[Databases](#) : SQL , HBase , NoSql

[Big Data Frameworks](#) : Hadoop , Hive , Apache Kafka , Apache Spark , Snowflake

[Schedulers and AWS](#) : Airflow , S3, EMR , Glue , Lambda , Redshift

[Python](#) : Web Scraping , Scikit - learn , Pandas , NLP , Seaborn , Matplotlib, Seaborn , NumPy , Pyspark

[Data Visualization](#) : Tableau , Power BI , Microsoft Excel , Ggplot

[Methods and Techniques](#): OLS, Bayesian , Logistic Regression , KNN, K-Means , Random forest, XGBoost , reinforcement learning, active learning, data augmentation , GANs , PyTorch , Docker , Git , CI/CD Pipelines, Statistical Modeling & Analysis, Deep Learning, Computer Vision, Time Series Forecasting , statistical analytics, Neural Network