

SHUBHAM MAHESH WANI

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EDUCATION

Rochester Institute of Technology | Rochester, NY

May 2023

Master of Science in Data Science | GPA 4.0/4.0

Coursework: Data Mining, Data Structures, Neural Networks, Statistical Machine Learning

Veermata Jijabai Technological Institute Mumbai, India

Jul 2019

Bachelor of Technology in Electrical Engineering

Coursework: Statistics, Optimization Techniques, Probability

TECHNICAL SKILLS

Programming Languages - Python, Java, Google Apps Script

Database – MySQL, PostgreSQL

Cloud - Google Cloud, Google Workspace, Kubernetes, Docker, AWS, Cloud Computing

Libraries/ Tools – Pandas, Scikit-learn, NumPy, Neural Networks, NLP, Git, Google Data Studio

PROFESIONAL EXPERIENCE

Rochester Institute of Technology, *Programming Tutor*- Rochester, NY

Jan 2022 - Present

- Conducted doubt solving sessions for the students in software development and problem-solving course in Java and Python.

Wipro Technologies, *Google Cloud & Workspace Engineer* - Pune, India

Jun 2019 - Aug 2021

- Developed an application for analysing employee's usage of Google workspace products to reduce the licensing cost by 5% using Python and Google API's.
- Designed dashboards on Stack Driver for application statistics integrated with alert system to monitor latency and maintain SLA.
- Created data migration tool for moving SQL data to Google cloud, using Google Dataproc.
- Introduced automation using Google Apps Script for employee onboarding process.

Portescap India Private Limited, *Research Intern* - Mumbai, India

Jun 2018 - Jul 2018

- Designed guidelines for insulation resistance test methods for miniature motors.
- Analysed the breakdown voltage of motor for various conditions as per latest IEC and IEEE norms to increase product reliability to satisfy internationally recognized standards.

PROJECTS

Classification of Git Commit Messages

Jan 2022 - April 2022

- Developed an application for classifying the commit made by the developer in the category of Refactoring, Feature Addition, Bug Fixing.
- Utilizing the commit message description, code changes between commits and software quality metrics as attributes for model.
- Implementing a 3-dimensional approach for classification with individual models for all the attributes and combining them to produce the classification result.

Predicting Readmission of Hospital Patients

Nov 2021 - Dec 2021

- Predicted if the patients admitted to the hospital for diabetes would seek readmission after 30 days of discharge.
- Performed feature engineering with attribute selection algorithm and to improve model accuracy and recall.
- Implemented Random Forest, Decision Tree, Logistic Regression with GridSearchCV to reach an accuracy of 88%.

CERTIFICATIONS

Google Cloud - Associate Cloud Engineer

Google Workspace - Professional Collaboration Engineer