

MONISH BANGERA

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OBJECTIVE

To obtain an internship in the field of Data Engineering/ Data Science

EDUCATION

Stevens Institute of Technology, School of Business

Hoboken, NJ

Master of Science Business Intelligence and Analytics- Concentration: Data Science

December 2022

Relevant Coursework: Data Analytics & Machine Learning, Data Management, Web Mining, Social Network Analytics, Multivariate Data Analysis, Business Intelligence & Data Integration

Atharva College of Engineering

Mumbai, India

Bachelor of Engineering Computer Engineering

September 2020

SKILLS

Technical Skills: VBA, Java, Python, Tableau, MySQL, PostgreSQL, Erwin, Signavio, Excel, R, Gephi, Git Bash, Data iku

PROFESSIONAL EXPERIENCE

Stevens Institute of Technology

Hoboken, NJ

Graduate Teaching Assistant

August 2021- December 2021

- Assisting professor by providing analytical, administrative, and technical assistance throughout course
- Performing duties of grading assignments, proctoring exams, and answering student queries along with facilitating communication between professor and students

Quantiphi

Mumbai, India

Data Analytics Intern

August 2020 –November 2020

- Executed comprehensive cleaning for clients utilizing Pandas in interaction with database leveraging MySQL and performed Exploratory Data Analysis using Seaborn, Matplotlib, and Tableau
- Labelled training dataset for ML/DL models operating the Taggit application

Dresser Rand - A Siemens Business

Pune, India

Software Development Intern

July 2018 – August 2018

- Collaborated with the Product Design Engineering team and defined scope for project by learning workflow and specification requirements
- Developed a tool to automate entire process of complex calculations of inward data on Visual Basic Application in Agile Environment enhanced efficiency by reducing 30 engineering hours yearly with complete elimination of human error
- Demonstrated functional advantages of tool over conventional methods to senior management and trained the Product Design Engineering team

ACADEMIC PROJECTS

Fraud Detection in Electricity and Gas Consumption

December 2021

- Overseen data cleaning, data visualization, feature engineering, and selection
- Predicted whether client is involved in fraudulent activities employing a supervised machine learning approach
- Achieved best accuracy score of 91% deploying Random Forest Classifier and GridSearchCV

Price Classification on GSM ARENA Dataset

December 2021

- Scraped dataset from GSM ARENA website utilizing python libraries Selenium and BeautifulSoup
- Performed extensive data cleaning, data visualization, and displaying engineering
- Obtained an accuracy of 86% applying Random Forest Classifier and GridSearchCV on pricing dataset
- Achieved an accuracy score of 66% using cell phone reviews by directing part of speech tagging, aspect-based sentiment analysis and Random Forest Classifier

Sales Insights

July 2021

- Extracted sales data using MySQL, built an ETL star schema model for data collection, ensuring data quality and performance
- Designed an interactive Sales insights dashboard in Tableau to get quick insights

Available Spring 2022