

Viraj Shetty

4693887873; vvs200004@utdallas.edu | <https://github.com/VirajVShetty> | <https://www.linkedin.com/in/virajshetty47/>

EDUCATION

The University of Texas at Dallas <i>Master of Science, Information Technology Management</i> Coursework – BA with R, Advance Statistics for Data Science, Applied Machine Learning, Organizational Behavior Extra-Curricular – Project Management Club Communications Officer, SUUAB Music Committee Member	August 2021 – May 2023 GPA 3.45
Shah and Anchor Kutchhi Engineering College <i>Bachelors of Engineering, Computer Science</i>	July 2016 – November 2020 GPA 3.2

TECHNICAL SKILLS

Programming and Databases:	Python, R, SQL, NoSQL, SQLite, MongoDB, Firebase
Tools / Technologies:	Tableau, Google Analytics, Microsoft Power BI, R-Studio, Excel, Azure
Domain Knowledge:	Statistics, Machine Learning, Deep Learning, A/B Testing, Regression
Certifications:	Google Search Ads, Google Display Ads, AWS Cloud Fundamentals (April 2022)

PROFESSIONAL EXPERIENCE

The Sparks Foundation, Singapore <i>Data Science and Business Analytics Intern</i>	December 2020 – January 2021
<ul style="list-style-type: none">Preprocessed datasets and delivered interactive dashboards in Tableau & R that resulted in decrease of loss by 34%Organized inferences and accomplished exploratory data analysis using Python that helped achieve KPI to boost their sales by 60%Reviewed and gave feedback to peers which resulted in 80% increase in their performance review	
mUni Campus, Mumbai <i>Data Analyst Intern,</i>	December 2019 – February 2020
<ul style="list-style-type: none">Managed a team of 5 people to produce a Python based web-scrafer which led to a 53% increase in the web trafficFormulated a recommendation system which assigned a score and developed a Python script to scrape 1000s of YouTube videos links and title of a specific keyword which had 87% relevanceIntegrated the scripts into the official m-Uni Campus student portal using Python and AWS which led to a 30% increase in student's retention	

ACADEMIC PROJECT EXPERIENCE

Payroll Management System – MySQL Workbench	January 2022 – Present
<ul style="list-style-type: none">Identified use cases based on requirement analysis and Created Use case and Sequence Diagram.Currently working on ER Diagram and planning to create a web-based app which is connected to the database.	
Chicago Crime Data Analysis – Tableau Prep Builder, Tableau, Exploratory Data Analysis	January 2021 – March 2021
<ul style="list-style-type: none">Processed 1 million rows of data from Chicago Crime Dataset using Prep Builder and Extracted 500K rows of data.Analyzed the Prep builder flow and devised a Tableau Dashboard to give detailed analysis of Crime in different parts of Chicago.	
Real Time Bridge Health Monitoring System – IOT, Python, PyQt5, Sound Processing	August 2019 – October 2020
<ul style="list-style-type: none">Researched and created a framework for a Real-time bridge health monitoring systemAutomated the process of bridge health monitoring by creating 3 modules.Audio Processing (For finding out cracks and deformities using sound), Image Processing (For detecting cracks and damage on the structure), and Hardware module (For finding the bend and vibrations in the structure).	
YouTube Scraper – Python, Selenium, Recommendation System, AWS	December 2019 – February 2020
<ul style="list-style-type: none">Extracted a section of code from the internship project to create an independent project and added visualization code for the relevance score.Developed a Scraping tool that scrapes links of certain keyword from YouTube and gives output as a set of links.The final output will be a list of videos - relevant to the keywords, most relevant video on the top.	