

Viraj Shetty

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<https://virajvshetty.github.io/>

<https://github.com/VirajVShetty>

EDUCATION EXPERIENCE

The University of Texas at Dallas

Master of Science, Information Technology Management

August 2023

GPA -

Shah & Anchor Kutchhi Engineering College, Mumbai

Bachelor of Engineering, Computer Science

October 2020

GPA 3.2

CERTIFICATIONS AND TECHNICAL SKILL EXPERIENCE

Certifications: Tableau Analyst, Applied Data Science with Python, Understanding and Visualizing Data
Analysis Tools: Python, Tableau, R, MySQL, MongoDB, MS-Excel, HTML/CSS
Programming: Python, R, MySQL, MongoDB,
Operating Systems: Windows, Linux
Software: Tableau, MS-Excel, JMP
Databases: MongoDB, MySQL, SQLite

PROFESSIONAL EXPERIENCE

The Sparks Foundation, Work from Home

December 2020 - January 2021

Data Science and Business Analytics Intern

- Analyzed multiple datasets and derived inferences based on my analysis.
- Organized the inference using tools like Tableau and created a video presentation.
- Reviewed and gave feedback to my teammates.

mUni Campus, Godrej Hillside Colony, Vikhroli, Mumbai.

December 2019 - February 2020

Intern Data Analyst

- Transformed the technologies for the official portal of mUni Campus and used concepts of Data Scraping and Data Analysis.
- Managed and Guided a team of 5 people.
- Developed a python based script to scrape 100s of YouTube videos on a specific keyword.
- Formulated a method to find the most relevant video, based on multiple factors
- Analyzed the data of all the videos scraped and made a formula to show the most relevant videos.
- Integrated the scripts into the official website of the mUni Campus student portal.

ACADEMIC PROJECT EXPERIENCE

Real-Time Bridge Health Monitoring System, Final Year Project

August 2019- October 2020

- Researched created a framework for a Real-time bridge health monitoring system
- Automated 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, Internship Project

August 2019- October 2020

- Devised a Scraping tool that scrapes links of a certain keyword from YouTube and gives output as a set of links
- The videos will also have scores for relevance that indicate how relevant the videos are to the keywords.

ADDITIONAL INFORMATION

Languages: English, Advance Hindi, Marathi, Tulu

Eligibility: VISA, Eligible to work in the US for internships and full time for up to (non-STEM, choose 18 months; STEM Major, choose 36 months)