Akash Bhargava

469-922-8206 | [Mail](#) | [LinkedIn](#) | [Website](#)

EDUCATION

University of Texas at Dallas	Dallas, TX
MS in Business Analytics, Concentration in Data Science	*Aug. 2021 – May 2023*
SRM University	Chennai, India
Bachelor of Technology in Information Technology	*July. 2016 – May 2020*

TECHNICAL SKILLS AND CERTIFICATIONS

Languages: Python(Pandas,numpy,scikit learn), SQL, R(dplyr,ggplot), JavaScript, Unity
Tools and Frameworks: Power BI, Microsoft office-Excel, Tableau, Hadoop, Google Cloud, Watson Studio, Git, Visual Studio, SQL Server Management Studio, Oracle Cloud,React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Methodology: Data Mining, Data Cleaning, Data Warehousing, Statistical Modeling
ML: Tensorflow, Pytorch, NLP, Decision Tree, Regression and Classification, Neural Networks, Kernel Methods SVMs
Certifications: IBM Applied AI(Professional Certificate),IBM AI Engineering(Professional Certificate), IBM Applied Data Science(Professional Certificate),(MIT): Principles Of Microeconomics,(MIT): Mathematics with Application in Finance)

EXPERIENCE

Data Analyst	Sept 2020 – Aug 2021
Asha Electronics Pvt Ltd	*Mumbai, India*

- Gathered, examined, and presented data findings to organization executives that led to a 10% reduction in process failure eventually leading to leaner manufacturing.
- Developed and simulated an end-to-end operational plan for the client's performance improvement projects across their manufacturing, procurement, supply-chain functions with an estimated revenue increase of 10% and cost reduction of 5%
- Built and automated dashboards for teams to react immediately to failure points in operations pipeline (permitting, inspection, installation) and improved customer satisfaction by 15%, communicating closely with field managers by subjecting them to continuous tracking

Technology Intern	March 2020 – Aug 2020
Sanctum Wealth Management	*Mumbai, India*

- Created Portfolio management software to assist users in understanding performance attribution.
- Was a part of technical derivatives team and was assigned to perform extraction, cleaning and organizing data, the scraped data was used for Prediction, Analysis and determining risk.
- Bolstered sales during the second quarter of 2020 by adding 10 new clients.

Virtual Software Internship	April 2020 – May 2020
JPMorgan Chase & Co	*Mumbai, India*

- Developed unit testing techniques, handled stock data feeds, and utilized tools such as Perspective.
- Generated Data Insights like understanding the pattern of data using the JPM Software
- Gained expertise in Data Quality Assessment through a Virtual Internship in Software Engineering.

PROJECTS AND ORGANIZATIONS

Attendance using Facial Recognition | *Python, Numpy, Pandas, OpenCV*　　　　　Dec 2021 – Feb 2022
- Developed an attendance recording system which employed the use of camera to capture image of a student's face and match with existing dataset.
- Learnt, trained, and deployed advanced face detection algorithms (Haar Cascade and Local Binary Pattern Histogram) to capture the faces of students and store them in database as part of training the algorithms.
- If the face of the student matched with the information present in the existing dataset attendance will be recorded.

Financial Analysis of Company at HEC Paris | *Python, R, HTMLCSS, MySQL*　　　　Jun 2020 – July 2020
- Gathered, organized and cleaned data; Used Scraping tool like BeautifulSoup to scrape data from web.
- Performed sentiment analysis to determine whether the tone of data is positive or negative; Used python for analysis.
- Understood and analyzed financial accounts and balance sheets with the framework of a financing structure

Member of Data Science Club at UTD