

Akash Bhargava

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EDUCATION

University of Texas at Dallas

MS in Business Analytics, Concentration in Data Science

Dallas, TX

Aug. 2021 – May 2023

SRM University

Bachelor of Technology in Information Technology

Chennai, India

July. 2016 – May 2020

TECHNICAL SKILLS

Languages: Python(Pandas,numpy,scikit learn), SQL, R(dplyr,ggplot), JavaScript, Unity

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Tools: Power BI, Microsoft office-Excel, Tableau, Hadoop, Google Cloud Platform, Watson Studio

ML:Tensorflow, Pytorch, NLP, Decision Tree, Regression and Classification, Neural Networks, Kernel Methods & SVMs, Markov Decision Process, Bayesian Learning, Game Theory.

EXPERIENCE

Business Analyst

Asha Electronics Pvt Ltd

Sept 2020 – Aug 2021

Mumbai, India

- Enhanced factory efficiency by performing data analysis using SQL and R and increase customer satisfaction.
- Used Data Visualization algorithm which improved customers understanding of data.
- Designed Customer Service Module to record data systematically and reduce turn around time for feedback, Response time improved from 2 days to 4hrs.

Technology Intern

Sanctum Wealth Management

March 2020 – Aug 2020

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 extracting, cleaning and organizing data.
- Utilized scraped data for Prediction and Analysis for determining risk.

Virtual Software Internship

JPMorgan Chase & Co

April 2020 – May 2020

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

Stock Prediction Algorithm | *Python, R, HTMLCSS, ML*

Dec 2019 – Feb 2020

- Used R programming for Data Visualization
- Implemented Python for Data Scraping and Analysis
- HTML-CSS for Site Development and ML Algorithms like Gradient Boosting and Backtracking

Instagram and Spotify Clone | *React, Java, CSS*

Sept 2019 – Nov 2019

- Developed a full web application of Instagram and Spotify with all the features including comments and direct messaging

Financial Analysis of Company at HEC Paris | *Corporate Finance, Economics*

June 2020 – July 2020

- Understood and analyzed financial accounts and balance sheets with the framework of a financing structure
- Implemented a successful capital increase, equity rights issue

Member of Data Science Club at UTD

ACHIEVEMENTS

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