

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

EXPERIENCE

Business Analyst

Asha Electronics Pvt Ltd

Sept 2020 – Aug 2021

Mumbai, India

- Used tools like MySQL and R to store the data and perform statistical analysis on the dataset.
- Used Tableau for visualization.
- Designed Customer Service Module

Technology Intern

Sanctum Wealth Management

March 2020 – Aug 2020

Mumbai, India

- Was a part of the Technical Derivatives Team
- Built a software for Portfolio Management which could help the user understand the Performance Attribution
- Scraped web data from stock data sites (Screener) to extract data which was useful for Analysis

Virtual Software Internship

JPMorgan Chase & Co

April 2020 – May 2020

Mumbai, India

- Attended a Software Engineering Virtual Internship at JPMorgan Chase and Learned how to perform Data Quality Assessment
- Performed Data Insights using the JPM Software
- Learned Unit Testing, handling stock data feed using JPMorgan frameworks and Tools such as Perspective

PROJECTS

Stock Prediction Algorithm | Python, R, HTMLCSS, ML

Dec 2019 – Feb 2020

- Used R programming for Data Visualization
- Implemented Python for Data Scraping and Analysis
- HTMLCSS 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 2019 – July 2019

- Understood and analyzed financial accounts with the framework of a financing structure
Estimated the financing needs of a corporation and its cost of capital Assess which financial instruments (equity or debt) are the most appropriate
- Implemented a successful capital increase, equity rights issue

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: Microsoft Word, Tableau, AWS, PowerBI, Google Cloud Platform, VS Code, Visual Studio, Watson Studio

Algos: Decision Tree, Regression and Classification, Neural Networks, Kernel Methods & SVMs, Markov Decision Process, Bayesian Learning, Game Theory, t-test, Chi-squared

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