

RISHABH SINGH

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EDUCATION

Boston University | Boston, MA

Expected May 2023

Master of Science, Computer Information Systems, GPA - 3.75

Coursework: Data Structures - Python, Foundations Data Analytics - R, Database Design, Computer Networks, Business Analytics - PowerBI & R, Artificial Intelligence, Data Science - Python, Advanced Database Management

Amity School of Engineering & Technology | Noida, Uttar Pradesh

Aug 2018

Bachelor in Technology, Mechanical & Automation Engineering

Relevant Coursework: C Programming, Object-Oriented Programming using C++, Probability & Statistics, Operations Research, Fuzzy Mathematics, QA Processes & Systems

SKILLS

Programming: Python (Pandas, Numpy, Scikit-learn, Seaborn, Matplotlib), R (dplyr, ggplot2), SQL, Matlab

Databases: MySQL, PostgreSQL, MS SQL Server, PL/SQL, MongoDB

Technologies: ETL, AWS, Github, Hubspot, Zoho, Freshworks, Trello, Basecamp, Lucidchart, Visio

Statistics: Hypothesis Testing, A/B Testing

Machine Learning: Regression, Classification, Clustering, Feature Engineering, Dimension Reduction

Visualization Tools: Tableau, PowerBI, Excel, Google Analytics, Datawrapper, Flourish

WORK EXPERIENCE

Graduate Student Lab Assistant, ECE | **Boston University**

Sept 2021 - Mar 2022

- Designed and updated lab layouts and Schedules in Visio and Word
- Performed Linux Imaging, Network Testing, Software installation for lab computers using MobaXterm
- Managed Deployment and Inventory Data
- Automated recurring tasks on Trello that increased productivity by 48 percent

Analyst, Finance & Delivery Reporting | **Anzy**, Bangalore, India

Jun 2021 - Sep 2021

- Revamped existing reporting and data management system utilizing SQL & Tableau that reduced data redundancy by 38 percent
- Collaborated with Finance head to implement Zoho CRM and automate the Business process increasing the growth visibility by 24 percent
- Standardized the data collection process for the Delivery team
- Enhanced the Database efficiency, Memory utilization, and improved System Functionality by 34 percent

Data Analyst | **Wizikey**, Noida, India

Feb 2020 - Jun 2021

- Conducted EDA and Sentiment Analysis using Python & NLP on Industry Data that increased Journalist open rate by 54 percent
- Collaborated on team level and company level projects directly with Co-founder & EIRs that developed my decision making and entrepreneurship skills
- Developed top newsmaker data reports in different industries EdTech, Consumer Internet, FinTech, and VC reducing the customer churn by 38 percent & increasing the organic traffic by 42 percent
- Organized weekly full house meetings as a Catalyst

Data Analyst | **ARM Infoserve**, New Delhi, India

Aug 2018 - Feb 2020

- Performed Customer Analytics, Product Analytics, Churn Prediction utilizing sophisticated SQL Queries, resulting in 24% growth in revenue and 13% increase in Customer Retention
- Analyzed trends and patterns in data and extracted actionable business insights by communicating results to cross-functional groups with Creative Dashboards developed using Python, Tableau, Excel, and Statistics

Research Associate Intern | **Delhi Metro Rail Corp**, New Delhi, India

May 2017-Jul 2017

- Statistically analyzed assembly and overhauling process increasing the operational efficiency in Rolling Stock, Aircon and Brake System by 18 percent
- Developed a summarised project report about each operational component of Rolling Stock with in-depth study of Layouts

PROJECTS

- Design & Database Development for Amazon Sellers** | Boston University Sep 2021 - Dec 2021
- Designed a Relational Database for Amazon sellers using ER, EER, UML, Relational Modeling, and Normalization techniques to make better decisions and reduced data anomalies by 33 percent
 - Integrated PostgreSQL and PowerBI with python to draw insights using Seaborn and Matplotlib libraries
- Media Buzz Analysis using Python and NLP** | Wizikey Feb 2020 - Dec 2020
- Analyzed online media articles data with Python, SpaCy for NER and NLP increasing the brand visibility by 46 percent and developed newsmaker reports increasing the website traffic by 34 percent
- Summer Olympic Data Analysis using R** | Boston University Sep 2021 - Dec 2021
- Performed Univariate and Bivariate analysis, applied Central Limit Theorem, various sampling methods and implemented athlete details lookup feature
 - Performed Descriptive and Inferential Statistics to evaluate the relationship between GDP and the country that won maximum gold medals
- Developed network management model using AWS console** | Boston University Sep 2021 - Dec 2021
- Devised a network model with public and private subnets to implement network security using AWS console , Internet Gateway, Elastic IP and Routing tables

LEADERSHIP

- CRM Implementation & Automation lead** | Wizikey Aug 2020 - Jun 2021
- Supervised marketing and growth team of 6 members to implement Hubspot and automate processes increasing the revenue by 46 percent
- Finance & Delivery Reporting Lead** | Anzy Jun 2021 - Sept 2021
- Supervised Delivery, Finance and Recruitment reporting through Zoho CRM, Zoho Finance and Crelate