

MUHAMMAD TALHA

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PROFESSIONAL SUMMARY

Passionate Associate Data Scientist with experience in data science, modeling, and visualization. Skilled in Python, SQL, and machine learning techniques. Adept at extracting insights from complex datasets to drive data-driven decisions.

EDUCATION

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology

Bachelor's degree, Computer Science

Islamabad, Pak

Feb 2021 - Feb 2025

WORK EXPERIENCE

Data Science Intern

Jan 2023

Forage

- Completed a simulation focussing on how data science is a critical component of British Airways success
- Scraped and analysed customer review data to uncover findings
- Built a random-forest predictive model to understand factors that influence buying behaviour

Data Visualization Intern

Feb 2023

Forage

- Analyzed and recommended specific investment opportunities to traders in natural gas, power and coal
- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making

Front-end Developer Intern

Aug 2022 - Sep 2022

Interns Pakistan

- Created responsive design in HTML/CSS and Bootstrap, in project delivery.
- Presented a jQuery-based app challenge and customized WordPress instances adeptly.
- Mastered JavaScript, ES6, and jQuery within a condensed timeframe via an app project.

LEADERSHIP

Microsoft Beta Student Ambassador

July 2023 - Present

- Part of a global network of student leaders promoting technology and career development among peers.
- Delivered a speaker session on Data Analysis in Python at ZabTechFusion'23.
- Organized events, workshops, and initiatives to foster a vibrant tech community on campus.

CERTIFICATIONS

Data Analyst in SQL – DataCamp

- Achieved mastery in Data Analyst SQL track, emphasizing advanced SQL, statistics, and functions.
- Applied data-driven decision-making skills in practical certification project.

Machine Learning Scientist with Python – DataCamp

- Attaining expertise in Machine Learning Scientist track, focusing on Python programming.
- Completed projects demonstrating proficiency in machine learning algorithm and model development.

Google Business Intelligence Specialization – Google

- Developed proficiency in Google Data Studio for data visualization and reporting.
- Applied BI techniques to analyze and interpret data for strategic decision-making.

SKILLS

Python, SQL, NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, Tableau, Power BI, Git, Regression, Classification, Clustering, Hypothesis Testing, A/B Testing, Time Series Analysis