

Muhammad Qasim Alias Haseeb

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Professional Summary

Highly motivated Computer Science student with a proven academic record. I possess a strong interest in applying my problem-solving and collaborative skills to dynamic fields like web development, data science, and machine learning. My eagerness to learn and dedication to continuous improvement make me a valuable asset for a team environment. I seek an opportunity to gain hands-on experience in these exciting areas.

Education

BS Computer Science

FAST National University of Computer and Emerging Sciences (NUCES), Karachi

Aug 2021- Jun 2025

CGPA: 3.49/4

Technical Skills

Languages: C++, C, JavaScript, Python, SQL

Front-end: HTML, CSS, Bootstrap

Databases: MySQL, Oracle

Developer Tools: VS Code, GitHub

Frameworks and Libraries: Django, Pandas, Numpy, Matplotlib, Seaborn, Beautiful Soup, and Selenium

Experience

Volunteer/Mentor

SmartSindh

June 2023 - ongoing

- Reviewed and improved **20+ documents** and **newsletters** for Smart Sindh, resulting in a **30%** increase in readability and engagement.
- Conducted superficial **user-end testing** of the UI/UX of Smart Sindh's **concio dashboard**, identifying and reporting **15+** usability issues, leading to a **20%** enhancement in user satisfaction ratings.

Content Team Co-Head

E.Ocean Developers' Day 2024, FAST NUCES Karachi Chapter

Aug 2023 – April 2024

- Directed a team of over **15 content writers**, resulting in the timely completion of content tasks.
- Facilitated the submission of over **200** high-quality **content pieces** during the tenure, contributing to the success of the event.

Projects

Visualizing the History of Nobel Peace Prize Winners - Datacamp

June, 2024

- Analyzed Nobel Prize data covering **over 900 laureates** to identify trends in gender and birth country.
- Discovered that **36%** of all laureates are from the **United States**, with the highest proportion (**45%**) in the **1970s**.
- Identified the decade (**2020s**) and category (**Literature**) with the highest proportion of female laureates (**50%**).
- Tech Stack Used:** Utilized **Python, Pandas, Seaborn,** and **Numpy** to perform data analysis and create visualizations.

Text Classification and Clustering using Vector Space Model - Information Retrieval

May, 2024

- Implemented **KNN** and **K-Means** for text classification and text clustering respectively on **20** raw text rich documents and attained **Precision** of over **90%** and **80% recall**.
- Tech Stack Used:** Python, Numpy, matplotlib, and scit-learn (for calculating rand-index and silhout score only)

Investigating Netflix Movies and NYC Public Schools Dataset - Datacamp

April, 2024

- Explored **trends** in Netflix **movie lengths** and identified NYC's top **10 performing schools** in Math, analyzing standardized test scores across boroughs.
- Tech Stack Used:** Python, Numpy, matplotlib, and Pandas

Developed an E-Commerce Website

March, 2024

- Developed the website to support over a **1000+** products having streamlined cart and checkout functionalities.
- Used **REST API** and **Cookies** to deal with products in **cart** and populating them into the **database**.
- Tech Stack Used:** Django, Python, JavaScript, HTML, CSS, SQLite

Tribune headlines and LinkedIn Jobs scrapper

December, 2023

- Developed a script to **scrape Tribune news headlines** and schedule daily execution.
- Built a **scraper** for **LinkedIn jobs** that allows filtering by **job category** and **location**.
- Tech Stack Used:** Python, Beautiful Soup, Selenium, Requests

Certifications

- Scripting with Python and SQL for Data Engineering (Duke University)
- Data Manipulation with Pandas (Datacamp)
- Introduction to Numpy (Datacamp)
- Configuration Management and the Cloud (Google)
- Introduction to Statistics in Python (Datacamp)
- Google IT Automation with Python Certificate (Google)