

Faisal Shahzad

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WORK EXPERIENCE

NUST ASAB Research Lab – Data Analyst Internee

Dec 23 – Feb 24

- Working with Research Graduate students on **Genome Analysis**.
- Working with Development team of **Bio-PAN**, a software package for Bioinformatics and genome data analysis.
- Summarizing results via Visualizations.
- Code Notebooks for students to get required results & visualizations without explicitly coding.

Trilogix Software Pvt Ltd – Junior Django Developer

Sept 23 – Nov 23

- Web App developer in Python Web Framework, **Django**
- Developed number of web apps within team, some of them are Property Listing App, Education Websites and Blogs for multiple users with authentication based on user role.
- Backend Development and Frontend integration along with **ORM** for Databases.
- Web app hosting on Linux servers & on PythonAnywhere.

FOSPAH (Govt. Organization) – Data Analyst Internee

Apr 22 – July 22

- Managing Data and Content throughout the Organization's Channels.
- Working with Peers to draft the process for Data Collection and Analysis as Dashboard for Organization's Management Team. Content Designing for cross-platforms and Managing Computer Hardware were in my responsibilities.
- Collaborated to **UN Report** by providing results of data analysis on Genders' Data and Cases.

PROJECTS

Python Mini Projects – Self Practice Projects

2020-24

- Python and libraries for Data Manipulation, Statistical Analysis & Visualizations.
- Web Scraping and API data Crawling mini projects.

Blog App – M. Haneef

2023-24

- Blog App like Medium, having different privileges for users & administrator(s).

Data Cleaning – M. Kashif

20-2021

- Data Cleaning for research, using python and OS files for automating file naming and sorting and categorizing.

EDUCATION

Int'l Islamic University, Islamabad

2018 - 2022

BBA - Information Technology Management – **CGPA: 3.82/4.00**

Dissertation: "Sales Prediction using Machine Learning"

Bootcamps

1. Cloud Computing (AWS) by Dice Analytics
2. Big Data Engineering by Dice Analytics

LEADERSHIP / EXTRACURRICULAR & ACCOMPLISHMENTS

- Participated as Organizing team in "Entrepreneurial Drive & Competition" Between Pakistan University Students.
- As a Volunteer Taught and Teaching students of my Hometown Science & Computer Subjects, mostly of grade 5-10.
- Participated in NASA Space App Challenge
- Graduated with **Distinction & Gold Medal** – Int'l Islamic University Islamabad

SKILLS

- Programming Languages – Python (Pandas, Numpy, Matplotlib, Plotly, Seaborn and Scikitlearn), SQL.
- Django – Python Web Framework
- Data Engineering Tools – Hadoop & HDFS, Hive, Databricks, NiFi & Kafka