

AZHAN AHMED

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SKILLS

- **Python:** Numpy, Pandas, scikit learn, Tensor flow, seaborn, matplotlib.
- **MySQL:** Joins and complex queries.
- **PowerBI:** M-Language, DAX, Data cleaning, Data Modelling, Data visualizations and dashboards.
- **Web Development:** HTML,CSS, JavaScript, Typescript, Node, Express, React and PHP.

EDUCATION

MSc. Computer Science (Sep. 2021 – Sep.2022)

University of Nottingham – Full time scholarship winner and distinction holder

Projects:

- Police Department website for entering and deleting criminal records with features such as admin and user logins, different privileges associated with normal users and admin users and be able to print reports.
- Designed Fuzzy System in R that could take decision if a patient needs critical care depending upon patient's body temperature.
- Developed game in python language using principles of Object Oriented Programming that won us 2nd Prize.
- Increasing the classification accuracy of state-of-the-art convoluted neural network for the identification of diabetic foot ulcers.

B.E. Mechanical Engineering

NED University of Engineering & Technology, Karachi, Pakistan

RELEVANT EXPERIENCE

Data Analyst (June 2017– Nov.2018)

Aman Foundation, Karachi, Pakistan

- Demand Forecast for Ambulances through using python.
- Reporting major stakeholders: CEO, head of departments and managers regarding major KPIs.
- Overseeing and participating the development of in-house web applications for various projects.
- Assisting different departments of the foundation in weeding out operational bottlenecks through rigorous data analysis.
- Using PowerBI to make data visualization to enable stakeholders make critical decisions.
- To make recommendation reports for the provincial government regarding funding and donations.

Production Engineering Analyst (December 2015 – June 2017)

Aisha Steel Mills, Karachi, Pakistan

- Enter production data into SAP system.
- Analyze the data from the SAP system and make reports on Excel.
- Manage daily production targets.
- To coordinate with finance, sales and planning department regarding daily and monthly production plans and raw material inventory.

OTHER EXPERIENCE

Lecturer (Jan.2019 – Sep.2021)

NED University, Karachi, Pakistan

- Organized and made lectures on modules such as engineering drawing, statics and dynamics and stress analysis.
- To conduct research and publish papers on topics of interest. For example, published papers on renewable solar energy.

Receptionist (March 2023)

University of Law, Nottingham, United Kingdom

- To greet customers and handle queries.
- To apprise management regarding daily activities.