



MUHAMMAD TOQEEER ZAFAR

Data Aspirant

RESEARCH & EXPERIENCE

03/2016 – 11/2017 Data Analyst at Risk Management Solutions

- Worked in Model development group for quantification and management of catastrophic risks by Identifying, analyzing, and interpreting trends or patterns in complex data sets.

10/2018 – 03/2019 Advanced Master Practicals in University

- Conducted experiments, analyzed data and tested results and then prepared technical reports using characterization techniques as preparatory part of my Master Thesis

07/2019 – 08/2020 Synchrotrons Based Xray Photoelectron Spectroscopy (XPS)

- Conducted experiments for my master thesis in Beamline of Elettra Synchrotron in Trieste, Italy
- Modeling and simulation of Semiconductor Heterostructured Nanowires to determine their electronic properties

EDUCATION

04/2021 – 03/2023 University of Münster
Master of Science in Theoretical Physics

10/2018 – 10/2020 University of Siegen
Master of Science in Physics
Thesis: X-ray Analysis of GaAs/InSb by using photoelectron spectroscopy (XPS)

10/2010 – 08/2014 Forman Christian College University Lahore
Bachelor of Science in Physics
Thesis: Application of Matrices in the analysis of time autonomous system

PERSONAL DATA

21.10.1992
Single

CONTACT

Lohmar Straße 07
53604 Bad Honnef
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+4917670158599

LANGUAGES

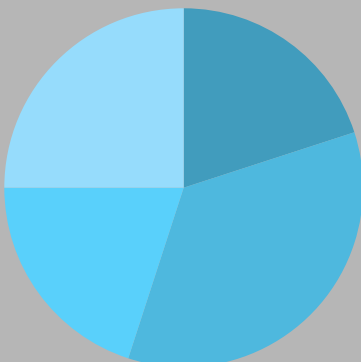
Urdu/Hindi (Native) ●●●●●

English (Business Fluent) ●●●●●

German (Limited working proficiency) ●●●●●

AREAS OF EXCELLENCE

- Data Analytics
- Python, SQL, MS Office, MS Power BI, MatLab
- X-Ray Analysis, Physics
- Mathematical Modelling and Simulation



DISTINCTIONS

- DAAD Scholarship for my Master Thesis
- Passed all master courses in 1st Attempt
- Completed masters degree (120 ECT) in record 04 semesters

SOFT SKILLS

Entrepreneurial spirit to turn data into business ●●●●●

Communication skills ●●●●●

Team Work ●●●●●

Sense of Responsibility ●●●●●

INTERESTS

Artificial Intelligence, Camping, Travelling, Gaming, Cricket

ONLINE CERTIFICATIONS

01/2021

Certifications from IBM Developer Skills Network

- Python for Data Science (PY0101)
- Data Analysis with Python (DA0101)
- Data Visualization with Python (DV0101)

Skills

Pandas DataFrames SciPy Scikit-learn
Matplotlib Visualization Tools (Basic, Advanced and Specialized) Creating and Visualizing Maps

12/2020

Data Science & Machine Learning Training from Dice Analytics

Skills

Data Wrangling Data Visualizations
Exploratory Data Analysis Conditional Probability Unsupervised Learning
Clustering Regression

11/2020

Microsoft Power BI Hands-on training from Dice Analytics

Skills

Transform, shape, and model data Front-End Development DAX Key Performance Indicators Using Python in Power BI Power BI administration Power BI dashboards Data Automation Business Intelligence Embedded Analytics Paginated reports

Bad Honnef, 14.03.2021