

Zohaib Aftab

Data Scientist

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[LinkedIn](#) 

Summary

- Results-driven engineering professional with expertise in data analysis and delivering actionable insights
- Passionate coder with deep knowledge of multiple coding environments including Python and R
- Excellent communication skills with the ability to present complex data insights to diverse audiences

Skills

Python (Pandas, Scikit-learn)
Microsoft Azure
Power-BI
Git
R
Matlab
Machine Learning
Data visualization
Advanced statistics
Hypothesis testing

Languages

English and French
[Full professional competency]

Experience

Data Analytics and Statistical Modeling [2022-Present]

gained as Data Analyst at [42 Agency](#) [Part-time]

- Performed predictive modeling using machine learning to drive targeted media spending with improve outcomes
- Collected and cleaned data from various sources, such as digital channels and enterprise CRM, and performed data analysis
- Built dashboards in Power-BI for the top management

Data Collection and Algorithm Development [2018-2022]

gained as Director HCR lab at National Center of Robotics and Automation (NCRA) Pakistan

- Implemented instrumentation and data collection experiments for assisted human walking systems
- Developed algorithms for automated gait analysis of disabled individuals

Cross-functional project management [2013-Present]

gained as Associate Professor, University of Central Punjab, Lahore

- Led an interdisciplinary team of 5 to administer grant of US\$180,000 to develop industry-centered electro-mechanical systems
 - Delivered 2 products, 3 patents and several scientific communications
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Courses & Certificates

Supervised Machine Learning: Regression and Classification

Issued by Stanford online • DeepLearning.ai • 'Coursera 2022

Learnings: Feature engineering, model development, regularization.

The essential elements of Predictive Analytics

Issued by LinkedIn Learning 2022

Learnings: Data mining industry standards, Data construction

Python Data Science Toolbox

Issued by DataCamp 2022

Learnings: Data wrangling, Data visualization

Doctorate • Université Claude Bernard Lyon I • Lyon, France

Control Engineering, 2012

Physics-informed simulations for bipedal robots

Masters • Université de Nantes • Nantes, France

Automation, 2009

