IMRUL **FAISAL**

Data Scientist & Bioinformatician

CONTACT

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SKILLS

Data Scientist

Machine learning (ML) for predictive & descriptive problems
Unsupervised ML
Deep learning, Computer Vision
Big data analytics, MLOps
Model Evaluation & Improvement
Algorithm Chains and Pipelines
Feature Engineering
Hyperparameter Tuning
Time-series forecasting
Cleaning and managing datasets
Visual analytics with D3.js, Power BI, MatPlotLib, Seaborn & ggplot2
Python, R, Spark/PySpark, TensorFlow, Keras, SciKitLearn

Data Engineer

Data Storage on MS Azure
Azure Databricks, Data Lake
PostgreSQL, Kafka, Hadoop
Database management & Design, Database security
Git, GitHub, CI/CD, DevOps

Soft Skills

Project management, PMP
Communication & networking
Supervising, mentoring & teaching
Problem solving, Creative thinking

Language Skills

English – Professional proficiency
Finnish – Intermediate proficiency
Bengali - Native

WORK EXPERIENCE

Data Scientist/ Bioinformatician (03/2019 – to date)
University of Helsinki, Finland

Data Analyst (08/2018 – 02/2019)
Sunnybrook Research Institute, University of Toronto, Canada

Researcher and Bioinformatician (01/2013 – 07/2018)
Faculty of Medicine, University of Helsinki, Finland

EDUCATION

Master of Engineering, Big Data Analytics (08/2020 – to date)
Arcada University of Applied Sciences (UAS)
Specialization studies and projects featuring AI/ML, deep learning, visual analytics, analytical service development etc.

Doctor of Philosophy (PhD), Medicine (01/2013 – 05/2018)
Faculty of Medicine, University of Helsinki
Specialization quantitative (natural sciences) studies and projects featuring high-throughput biomedical data analysis, statistics, medical and clinical research, project management, student supervision, collaboration with national & international labs

Master of Science, Bioinformatics (10/2010 – 11/2012)
Institute of Biomedical Technology, Tampere University
Specialization quantitative (natural sciences) studies and projects featuring biomedical data analysis, statistics, programming & algorithm development, and visualizations

CERTIFICATION

MS **Azure** for Data Engineers (Microsoft)
Version Control with Git (Coursera)
TensorFlow Developer Certificate Bootcamp (Udemy/ZTM)
Complete **SQL** & **Databases** Bootcamp (Udemy/ZTM Academy)
Machine Learning with **Python** (Arcada UAS & DataCamp)
Data Analyst with **Python** (Arcada UAS & DataCamp)
MS **Power BI** (Microsoft)
Visual Analytics with **D3.js**, **Python** & **R** (Arcada UAS, DataCamp)
LinkedIn Machine Learning skill badge (LinkedIn)
Management skills: new Managers Training 2022 (Udemy)
PMP Exam Preparation Course (Udemy)

REFEREES

Available instantly upon request