

BILAL NOORI

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PROFILE

Motivated and skilled professional with a robust background in Applied Artificial Intelligence, Data Analytics, and Mathematics. Proficient in machine learning, big data strategy, and mathematical modeling. Passionate about leveraging data-driven insights to solve complex problems and drive innovation. Proven ability to analyze, interpret, and communicate findings effectively.

EDUCATION & QUALIFICATIONS

South Asian University - MSc. Applied Mathematics 2021

Soft Computing - Optimization - Stochastic Process - Cryptography - Applied Stochastic Process - Applied Functional Analysis - Measure and Probability - Mathematical Modeling and Simulations - Graph Theory and Network - Topology - Numeric of Differential Equations - Real and Complex Analysis

Kabul University - BSc. Mathematics 2017

Discrete Mathematics - Linear Algebra - Abstract Algebra - Real and Complex Analysis - Ordinary and Partial Differential Equations - Probability - Calculus - Numerical Analysis - Graph Theory - Topology - Number Theory - C and C++

WORK EXPERIENCE

Finance Officer | Jesuit Refugee Service (JRS), New Delhi, India Sep 2021 to Sep 2022

Jesuit Refugee Service (JRS) - International NGO that operates in over 50 countries, providing assistance and support to refugees worldwide, focusing on education, healthcare, and advocacy for their rights and integration.

- Managed and analysed financial data using MS Excel, ensuring accuracy and compliance in reporting.
- Presented actionable insights for decision-making through advanced data visualization techniques.
- Developed and monitored budgets in Excel, aligning with organisational goals and financial objectives.
- Budgeting and Forecasting: Managed and forecasted budgets, aiding strategic financial planning.

English Teacher | Shams London Academy Mar 2018 to Dec 2018

Shams London Academy is a prestigious high school committed to providing a challenging and enriching education to its students. With a focus on academic excellence, personal growth, and community involvement.

- Designed and implemented curriculum for 150+ students, integrating data-driven methodologies to enhance learning outcomes.

- Utilised technology tools for efficient grading and real-time feedback, improving instructional effectiveness.
- Collaborated on interdisciplinary projects, fostering a holistic educational approach and team synergy.
- Pioneered the integration of educational technology, resulting in more efficient assessment processes and enhanced student engagement.
- Contributed to cross-departmental projects, enhancing the quality and breadth of educational programs.

English Translator | ATR

Mar 2016 to Dec 2016

ATR Consulting is a language services provider specializing in translation and interpretation services for various industries.

- Translate English to Dari and Dari to English texts with a focus on accuracy and cultural nuances.
- Organize and distribute tasks to field translators, ensuring efficient workflow and timely completion.
- Collaborate with cross-functional teams to meet client requirements and project deadlines.

SKILLS

Python

Libraries: pandas, matplotlib, ggplot2, BeautifulSoup2, re, os

R Programming

Packages: dplyr, shiny, ggplot, tm, tidyr

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power Bi

Tools: DAX, API, Power Query

SQL

Software: SQLite, MySQL

Tableau

INTERPERSONAL SKILLS

- Effective communication: Able to convey complex ideas and information clearly.
- Team collaboration: Skilled in working collaboratively across diverse teams.
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- Adaptability: Quick learner and open to embracing new challenges.
- Problem-solving: Proven ability to analyze situations and find effective solutions.
- Time management: Efficiently prioritize tasks and meet deadlines. Developed and tested multiple ANN models to analyse and interpret complex medical data for accurate cancer diagnosis.

CERTIFICATIONS AND ACHIEVEMENTS

- Google Data Analysis with R programming Feb 16, 2024 Coursera