DANER FERHADI

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TECHNICAL PROFICIENCIES

- **Programming Languages:** Python, TensorFlow, SQL, MATLAB, Microsoft Excel, Access, and VBA
- **Tools:** Tableau, Microsoft Power BI, Linux, MS Forms, Dynamic 365

EDUCATION

University of Nottingham, UK   *2017*
Master of Science in Pure Mathematics
Thesis: Computational Methods for Evaluating the Riemann Zeta Function - First-Class Distinction

Penn State University, University Park, PA, USA   *2013*
Bachelor of Science in Mathematics
Area of Application: Nuclear Engineering

CERTIFICATIONS

Machine Learning Certificate - Stanford University   *2019*

PROFESSIONAL EXPERIENCE

Ferhadi Analytics, Amsterdam, Netherlands
Founder and Lead Analyst   *2021 – Present*
- Founded the business intelligence and data analytics consulting company based here in the Netherlands.
- We help small companies streamline their business processes. From automating reports to optimizing KPIs, Ferhadi Analytics can help your business grow with small scale, customized solutions.

American University of Kurdistan, Iraq
Data Analyst   *2015 – Present*
- Using VBA and the degree audit and forecasting systems, I solved major problems inherent in their class registration process, increasing the number of credits taken by returning students by more than 40% in only one year. This increased tuition revenue by more than 30% in that year semester alone.
- Initiated and supervised a series of data-driven projects to streamline student registration, tuition payments, and enrollment by designing and building a network of databases and automating more than 500 man-hours per month using Python, VBA, Excel, and Access. Trained and supervised admin to maintain databases and apps.
- Managed a team of admin from different departments to streamline business processes. Automated countless tasks including generating and sending student grades, generating degree audits and using them to automatically forecast enrollment per class for future semesters, financial audits, tracking tuition payments, student and staff feedback surveys, monitoring employee time-sheets and using them to generate payroll each month, and monitoring academic performance. These were previously done manually, often by hand.
- Built and automated dashboards for the Office of Institutional Effectiveness using Power BI.
- Remote as of 2020, working from Almere, Netherlands.

American University of Kurdistan, Iraq
Lecturer   *2018 – 2021*
- Lecturer for Multivariate Calculus, Linear Algebra, and Advanced Engineering Mathematics.
- Designed the curricula for Calculus and Linear Algebra.

Robert Half Finance, Baltimore, MD, US
Financial Data Analyst   *December 2014 – May 2015*
- Migrated and cleaned data using SQL to automatically generate demographic reports, financial audits, etc.
- Built business intelligence reports and data visualizations in Tableau.