Mohammad Afsari

CONTACT

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HOBBIES

LANGUAGES

- English: Fluent
- Farsi: Fluent
- Arabic: Fluent reading

ACHIEVEMENTS

- Final 30 in UK for Nike Academy Football
- Awarded Clancy Certificate for highest exam achiever in Structural Engineering
- JavaScript Algorithms and Data Structures Certificate

CAREER OBJECTIVE

An enthusiastic and passionate data analyst with over 2 years' experience on data migration, quality assurance and management of data.

TECHNICAL PROFICIENCIES

- SQL (SSMS, PostgreSQL)
- Python (pandas, matplotlib, numpy, pyodbc, sklearn)
- Version control using Azure DevOps (Git)
- PowerBI (Power Query M / DAX)

- HTML5, CSS3, JavaScript ES6/ES2015
- Microsoft Office (Access, Word, Excel, PowerPoint and Outlook)
- Machine learning (linear / logistic regression, decision tree modelling)

WORK EXPERIENCE

Data Analyst
Mott MacDonald Ltd ~ 2019 – present
- Responsible for the migration, quality assurance and data transformation processes on the development of a new Geotechnical Database Management System (GDMS).
- Delivered data migration two months ahead of schedule from the use of automated processes used in SQL to aid with quality assurance processes.
- Support client by providing monthly performance reports using SQL, HTML, CSS and PowerBI to collate, analyse and present data.
- Cut costs by 90% by creating dashboards in PowerBI to automate and provide monthly performance reports to clients.
- Created machine learning models to provide client with an automated process of predicting asset failure across the network.

Civil Engineer
Mott MacDonald Ltd ~ 2017– 2019
- Two years' experience working on multiple projects such as HS2 and Boston Barrier flood defence responsible for bridge foundations design, ground movement assessment of tunnels and finite element modelling.

Lead Maths & Physics Tutor
New Age AFC Ltd ~ 2017 - 2020
- Teaching classroom of students (5-10) from Key Stages 3,4, GCSE and A-level as a Maths and Science tutor. Helping students prepare for their GCSE / A-level exams by lesson planning, producing question and test papers as well as providing feedback to student's parents on a weekly basis.

QUALIFICATIONS

Master's Degree in Civil Engineering (MEng Hons) (1st) (Top 3%)
City, University of London ~ 2013-2017

A Levels: Maths (B), Physics (C), Economics & Business (C), Sociology (C)
Islington Sixth form Consortium (IC6) ~ 2010-2013