WASIM MALEK
Data Engineer

ABOUT ME

At the age of 12, I gained access to my first computer. I loved football but I did not have access to the internet. So, I listened to live match commentaries on the radio, stored live scores in Excel and automated the calculation of the premier league table. This allowed me to check the implication of the score on a team's standing in the table in real-time.

That was my first serious encounter with data. My thirst for data-driven insights has remained strong, inspiring me to expand my knowledge.

While studying my BSc in Business Computing & IT, where I achieved a First Class Honours, I performed my placement year at General Motors. During the placement, I coordinated access control reviews for European applications and managed a project to strengthen the security of European websites. The high standard of my work led to further employment after graduation.

After gaining work experience as an IT and Business Analyst for three years, I decided to study a master's in Microdata Analysis overseas. I found the ideal course in Sweden and despite not knowing any Swedish, I moved to Borlänge to study at Dalarna University.

During my two years in Sweden, I learned the Swedish language to an intermediate level and discovered my passion for learning languages, which I have continued to pursue since returning to the UK.

CONTACT US

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OVERVIEW

I studied a master's degree in Microdata Analysis at Dalarna University in Sweden from 2014 to 2016. In my thesis, I used R to download one million Tweets from the Twitter API and apply sentiment analysis using the Word-Emotion Association Lexicon developed by the National Research Council Canada (NRC). This enabled the categorisation of Tweets into positive, negative or neutral sentiments, and whether any emotions such as anger, disgust, fear, joy, sadness and surprise were observed.

Prior to my master's degree, I worked as a Business Analyst at General Motors, where I managed their Salesforce CRM application. I demonstrated my problem-solving skills by reducing the support ticket backlog for Salesforce from 78 to just three. In parallel, I developed excellent relationships with Salesforce users and received multiple nominations for the EXCITE award, which recognises outstanding customer focus.

WORK

DATA ENGINEER – KUBRICK GROUP, LONDON

March 2017 – present
In addition to intensive learning, whilst at Kubrick I have worked in agile teams on many client projects deepening the skills I have learned.
The Data projects which I have worked on have proven my skills in efficiently engineering very large datasets across a cluster. This has enabled me to deepen my analytical skills, both through data visualisation in Tableau and Plot.ly and through predictive modelling using the Python SkLearn module.
Examples of value I have added to businesses include insight derived from real time streamed social media analytics, as well as predictive insights extracted from client side data warehouses.

BUSINESS ANALYST – GENERAL MOTORS, LUTON
2012 – 2014
Application manager for Salesforce and Eloqua CRM implementations, where I resolved problems and delivered enhancements for the applications. Also delivered a tablet app to support launch of Vauxhall Adam within 3 weeks, as project manager.

IT ANALYST – GENERAL MOTORS, BRACKNELL
2011 – 2012
Project manager for development of mobile apps and desktop gadgets using waterfall methodology. Visualised datasets using Tableau.

EDUCATION

MSC MICRODATA ANALYSIS – DALARNA UNIVERSITY, BORLÄNGE, SWEDEN
2014 – 2016
Relevant Modules: Data Analysis and Statistics, Statistical Computing with R, Generalised Linear Models, Data Mining and Object-Oriented Programming.

BSC BUSINESS COMPUTING & IT, FIRST CLASS HONOURS – ASTON UNIVERSITY, BIRMINGHAM
2007 – 2011
Relevant Modules: Databases, Advanced Spreadsheet Systems, Decision Support Systems, IT & Web Development, Effective Management Consultancy and Advanced Business Computing.

KEY SKILLS

I am experienced and qualified in the following technologies and disciplines:

Data Skills:	SQL, Python, Pandas and SciPy, SkLearn, Tableau, Plot.ly, Hadoop, Apache Spark & MongoDB
Security Skills:	Git, Security and Kerberos, SSH & Linux, GDPR
Data Warehousing:	Data Warehousing in T-SQL, Hive & Kimball methodology
SDLC:	Agile, problem solving
Documentation:	LaTeX and Markdown
Soft Skills:	Presentation skills
Specialisms trained in:	Retail, AML, Credit Risk
Certifications:	Cloudera Certified Associate (CCA) Hadoop & Spark Developer