SAMANTHA DAVIES
Data Engineer

ABOUT ME

My curiosity in technology was sparked by my father, who has always been a great tech and gadget enthusiast. Growing up in a small town in Wales, he was the one repairing computers in town and, from a very young age, always took me along with him.

At A-level I went onto study computing, learning the procedural programming language Pascal, which gave me a basic understanding of writing programs and algorithms.

When deciding what to study I was torn between Computer Science and Business Management & Economics. I chose the latter because I was very interested in learning about business context before specialising in technology with the aim to successfully apply my knowledge within the technology industry.

I funded myself through university by working at Nandos. I started as a waitress and eventually progressed to management level. During my time at Nandos, managing a team in a busy working environment, I learned the importance of clear communication, time management and efficient working.

After university I proudly became the first person in my family to leave Wales and relocate to London, to fulfil my desire to work in a technology and start a new chapter of my life.

CONTACT US

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OVERVIEW

I recently graduated from Swansea University in Business Management and Economics. As part of my final year project, I was responsible for undertaking empirical studies to gauge the effectiveness of different types of revenue streams adopted by iPhone apps and tested these revenue streams among a student population via focus groups, interviews and questionnaires. This was concluded in a written report (82%) highlighting the most effective way of monetising the app Paperclip, backed up with evidence for final recommendations and projection scenarios.

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.

NANDOS

August 2013 – December 2016

I was responsible for supervising a team and deciding roles and objectives on a daily basis. I was providing effective feedback to the team and was managing daily cash and banking, whilst maintaining the KPI's.

EDUCATION

BSC BUSINESS MANAGEMENT & ECONOMICS 2:1, Swansea University
September 2013 – July 2016

Studied modules such as Quantitative Methods (95%), Statistical Methods (85%), Mathematical Economics (80%), Econometrics (72%), Spreadsheets and Database for Business Analysis (71%), International Economics and Trade (71%), Data Mining (70%).

Modules such as Database analysis and Data Mining made extensive use of Microsoft Excel and Access; where I was required to publish, and share data outputs via SQL databases. These modules also provided me with practical and applied knowledge of how to conduct data mining activities for business and management purposes.

ADDITIONAL TECHNOLOGY SKILLS:
IBS SPSS, Eviews, Excel, procedural programming language Pascal

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

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