

OVERVIEW

After graduating with a Bachelor's degree in Chemistry from the University of Bristol in 2015, I utilised my analytical abilities working as a Product Owner for Receipt Bank, where I was responsible for maintaining and improving their data extraction service. Working at Receipt Bank, I developed technical abilities in SQL and project management whilst gaining hands-on experience of Agile software development. I was responsible for analysing the data sets gathered from the software and using the insights gained to make decisions to improve the product. After reviewing my position in the role, I found that I wanted to improve my technical abilities, and decided to look for opportunities to develop my coding skills which led me to Kubrick.

WORK

DATA ANALYST – KUBRICK GROUP, LONDON

May 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 analytics projects which I have worked on have proven my skills in efficiently sourcing, processing and analysing large datasets both stored on-premises and cloud based. This has enabled me to deepen my analytical skills through data visualisation in: Python integrated Tableau, open source Plot.ly as well as 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 relational data warehouses and NoSQL systems.

PRODUCT OWNER – RECEIPT BANK, LONDON

2016

I worked with a team of software developers and data scientists to automate the process of extracting accounting data from payment document images and classifying it.

- Built reports and dashboards to monitor the data extraction service
- Analysed the changes to the data extraction service after updates and new releases
- Developed new, innovative ways of improving the data extraction service with the aim of reducing costs and turnaround times
- Scoped updates to the software and worked to ensure a smooth and timely delivery of results

EDUCATION

BSC CHEMISTRY, 2:1, UNIVERSITY OF BRISTOL

2012 – 2015

The course gave an overview of all major aspects of organic, inorganic, physical and interdisciplinary Chemistry. The modules that were of particular interest to me were those on reaction dynamics, a field of physical chemistry devoted to understanding why chemical reactions occur and predicting their behaviour on an atomic level.

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
Security Skills:	Git, Security and Kerberos, SSH & Linux, GDPR
Data Warehousing:	SQL, Hive (HQL) & Kimball methodology
SDLC:	Agile & problem solving
Documentation:	LaTeX and Markdown
Soft Skills:	Presentation skills
Specialisms trained in:	Retail, AML, Credit Risk
Certifications:	Tableau Desktop 10 Qualified Associate
Expertly trained by Lavastorm in their newest data integration and analysis product - Dataverse .	

FRANCIS COWPER

Data Analyst

ABOUT ME

I first encountered formal data analysis whilst at university, where each week I was given an assignment to complete in the laboratory. Assignments ranged from organic synthesis to computational reaction modelling. In all cases, analysis of the data gathered from experiments was used to display results and conclusions, which informed as to how further research and experimentation could be done in the future.

In my role as a Product Owner at Receipt Bank, I learnt about the importance of the commercial application of data analysis to gain a competitive edge. I particularly enjoyed the time spent learning about the field of computer vision, how it's related to the product, and how visual technology is changing the way people communicate. This role fulfilled my desire to have my work have a positive impact on others' lives by increasing efficiency and productivity in customers' businesses.

In my spare time I enjoy playing the guitar and piano, and love to write music. I was a key member of the Bristol University live music society and have performed and collaborated with other musicians in various musical groups.

CONTACT US

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