

OVERVIEW

I recently graduated from the University of Bristol with a BSc in Earth Sciences (Geology and Geoscience) and an MSc in Palaeobiology.

Modules such as 'Computing for Earth Scientists', 'Astrobiology', 'Volcanology' and 'Geophysics' equipped me with the relevant experience in computing programs such as Matlab, R, SPSS and Perl. It allowed me to use real life datasets to reconstruct magma chambers, lava flows and cave systems; explore the models of evolution, determine the origin of cellular life, and spot trends and patterns to explain the processes that shape our world.

A 6-month stint in technology recruiting when I first moved to London accelerated my desire to transition into a data and engineering orientated career. As a result, I began to teach myself Python and SQL, as well as extending my knowledge in Data Analysis and the field of Data Science.

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.

EDITORIAL ASSISTANT – SPRINGER NATURE, LONDON

November 2016 – May 2017

I spent six months working as an Editorial Assistant for the Research Integrity Team for the BioMed Central Journals. Tasks included assessing the categorisation of queries using Excel, organising the COPE forum meetings and our monthly journal club, helping with the auditing process, editing and managing our website using CMS 8 and general admin tasks to support the associate and senior editors regarding integrity.

EDUCATION

UNIVERSITY OF BRISTOL, PALAEOBIOLOGY MSC

2015 – 2016

Notable Project: Darwin's Finches Project

Analysed multiple sources of data such as 'diet' and 'climate' to understand the population trend of Darwin's finches and demonstrate micro evolution and natural selection in real time in the modern world

UNIVERSITY OF BRISTOL, ENVIRONMENTAL GEOSCIENCE (EARTH SCIENCES)

Notable Project - Evolution of the Biosphere – Whale Diversity Project

I used multi-linear regression analysis to determine the strength of relationship between whale diversity and a range of biotic and abiotic factors through time. Using large palaeontological datasets and using R to plot my results, I found the most likely drivers of cetacean evolution to be climate change and diatom diversification.

AWARDS

Stanley Smith Award - Awarded for academic excellence to the best level 3 student in Paleontology.

Bristol Plus Award - Recognises and rewards students who have gained significant professional and life skills through work experience, volunteering and other activities outside of their studies.

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**.



ASHLEY HALL

Data Analyst

ABOUT ME

Coming from a single parent family in a deprived area of Newcastle is what initially created my desire to be successful. Not only did I become the first person in my family to attend University, I also received a scholarship to do so, having three years of tuition fees paid for by St. Nicholas Trust.

Studying Astrobiology for my Master's thesis cemented my decision to work within data. Using phylogenetic and genomic data, I was able to determine the origin of cellular life and deduce the characteristics and physiochemical properties of life's first common ancestor. Being able to put an answer to one of life's biggest questions through the use of data, is what truly excites and fascinates me about this field.

Whilst at University, I was an active member of two committees, being voted into the role of Vice President for my course society and Publicity Rep for the Dance society, as well as being part of the dance competition squad.

I am also passionate about travel and charity, having spent 2 months travelling around Central America where I spent my time volunteering at a Wildlife Sanctuary rehabilitating sloths, monkeys and turtles back into the wild.

I also spent 2 weeks in Kazanlak, Bulgaria renovating a children's orphanage.

CONTACT US

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