

ADAM WOODS

D A T A · A N A L Y S T

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ABOUT ME

I am a graduate of Northumbria University where I achieved a first in my Bachelors degree in Computer Science with Artificial Intelligence. Since then I have started first job as a data analyst working for UK Search Limited.

Throughout my career and education I have developed multiple projects relating to data science and machine learning and have experience with data pre-processing, visualisation and data management.

EXPERIENCE

I have experience working with many forms of data throughout my career and education as well as my own personal projects.

PROJECTS

For every project, I have used GitHub/BitBucket for version management and have repositories for all projects. For more information on any of the projects mentioned please visit my website at www.adamwoods.dev

For my dissertation I used multiple machine learning methods with satellite data to discover new distant planets. This involved data management, extensive pre-processing and data visualisation as well as extensive documentation throughout the project.

I have done text analysis and visualisation using chat messages to find out who is more likely to say certain words, this involved data pre-processing and analysis.

WORK EXPERIENCE

I currently work as a data analyst for UK Search Limited; a trace and debt collection company. My work mostly involves Python, SQL, and Power BI although many other tools are also used. A few of my key responsibilities are the creation and automation of client and internal dashboards, ad hoc data requests and in-depth investigations into trends and anomalies.

The work I do helps the strategy team make more informed decisions and highlights areas of improvement. I have also brought new ways to use our data such as machine learning and process automation.

EDUCATION

My degree covered many topics of computer science with a focus on data.

DEGREE

80% average on relevant courses.

COURSES

Personal Project

Python, Data Pre-processing, Machine learning

AI and Robotics

Python, Data Pre-processing, Machine learning

Machine Learning and Computer Vision

MATLAB, Data Visualisation, Machine learning

Relational Databases

SQL, PHP

OTHER EDUCATION

13 A*-C GCSE

OCR Computer Science A-Level

OCR Physics A-Level

OCR History A-Level

AQA Extended Project (relating to computer graphics)

PERSONAL INTERESTS

While I spend much of my free time on personal projects such as the ones mentioned above I also enjoy art and design which can be seen on my website and is hopefully demonstrated well in this document. I have always had an interest in technology and space, reading several books on astrophysics such as *The Life Of The Cosmos* (by Lee Smolin) and *Our Mathematical Universe* (by Max Tegmark). I enjoy the process of learning and research as many of my projects have involved research into scientific papers, and in contrast I am now learning to cook and play the piano.