

# ADAM WOODS

## D A T A · A N A L Y S T

- 📍 Apollo Residence,  
Sheffield, S1 4QL
- ✉ adam@adamwoods.dev
- ☎ (+44) 07939 293075
- 🏠 www.adamwoods.dev

## ABOUT ME

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

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

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## 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](http://www.adamwoods.dev) (requires updating).

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. The work I do helps the strategy team make more informed decisions and highlights areas of improvement.

As I had no prior experience with the industry I have had to adapt quickly and learn the company in order to bring context to the data I'm working with.

## 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)

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## 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 well demonstrated 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.