

Adam Woods

Computer Science Undergraduate

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I am a final year student at Northumbria University studying Computer Science with Artificial intelligence. My education focus is on Artificial intelligence and machine learning, but also covers many other computing topics. Currently, I am working on my dissertation on using machine learning to identify new planets, as well as a Computer Vision and Web Integration course.

I have A-Levels in History, Physics and Computer Science and am on track to get a first in my bachelor's degree. I am ready and excited to join a team and learn more about the industry.

I want to find work to gain experience and learn more about my options and possible opportunities. I would like to contribute to projects and throw myself into challenges to get the most out of the experience. Please see my website (www.adamwoods.dev) for information about projects I have completed.

Experience

I have experience from minor jobs, and mostly personal project and am eager to get my first full time experience in the field of computer science.

Assistant - BACPrint, Bishop Auckland

2016

Working for two weeks in Bishop Auckland Collage Print I was heavily engaged with orders from the school as well as some outside of it. For the most part this work involved creating the project on a computer be it a leaflet or poster. Then use one of the many machines to produce it. This helped me learn how to handle many orders as well deal with difficult customers that wanted more complex creations than what the machines were capable of. I was also tasked with maintenance as cleaning the printer's was necessary after use.

Self-employed - Newcastle

2018–2020

Various projects have been completed for clients including a small project through PeoplePerHour, where I was tasked with creating content for a website talking about the benefits of exercise. I also worked on forms for a new cleaning company that started in September, I wrote and designed the forms for Covid-19 assessment, invoice template, privacy policy, data protection and more. This work involved using the **LaTeX** a document preparation system for high-quality typesetting. I am experienced with this system and do almost all text documents with it in order to get a professional design. This project was done working with a client that gave me brief content outlines but was not able to produce full documents their-self.

Projects & Hobbies

Personal Website

2020–Present

I am currently working on a personal website to promote myself and practice basic **web skills**, since this has been an ongoing project for a while I have learnt to improve and refactor areas due to new knowledge as well as develop my **project**

management skills through GitHub.

Text Analysis Tool

2020

I made a text analysis tool, a small personal project that was developed during covid that looked at a few years worth of data from a group chat I have with my friends, it gave some basic statistics such the as most frequent words used by each person and unique phrases that were only said once. It also allowed user input of a phrase and tried to predict who is most likely to have said that phrase with an 80% accuracy. I do have plans to come back to this project if the future with new data. This project helped when preparing for my dissertation when **handling data** as well as some python **programming skills**.

Art Projects

2018-2020

I have worked on various artistic projects using both physical and digital mediums. I have worked with Blender, a 3D graphics tool and Affinity Design a vector based graphics design tool similar to illustrator. This work has developed my **design skills** and creativity.

Education

OCR Computer Science (A-Level) , Whitworth Park Sixth Form	2016
OCR Physics (A-Level) , Whitworth Park Sixth Form	2016
OCR History (A-Level) , Whitworth Park Sixth Form	2016
AQA Extended Project (Relating to Graphics) , Whitworth Park Sixth Form	2016

Courses

Personal Project (Dissertation) , LaTeX, Python, Machine Learning	2020–2021
AI and Robotics , Python, Machine Learning	2021
Web Application Integration , React, PHP, JavaScript, CSS	2020
Machine Learning and Computer Vision , Mat-lab	2020
Computer Networks, Security and OS , C Programming	2019
Program Design and Development , Algorithms, Java	2019
Relational Databases , SQL, PHP	2018

Personal interests

I enjoy art and design and perfecting anything I make visually, I am fascinated with space and future technologies as well as analysing and understanding data, especially any data relating to a field of interest. I also enjoy watching movies and listening to music to relax.