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Anthony Jones

2nd-Year Computer Science Student with relevant experience: both in industry and working independently, seeking placement in Machine Learning or Software Engineering.

EDUCATION:

University of York — *BSc Computer Science with a Year in Industry*

AUGUST 2024 — JULY 2028 (ONGOING)

SEMESTER 1:

- Software 1 — 79/100.
- Theory 1 — 95/100
- Human Computer Interaction 1 — 53/100

SEMESTER 2:

- Software 2 — 41/100
- Systems 1 — 56/100
- Theory 2 — 68/100 (40/100 due to resit)

St Robert of Newminster Sixth Form College

SEPTEMBER 2022 — JULY 2024

A-Levels:

- OCR Computer Science — A
- Pearson Mathematics — A
- Pearson Further Mathematics — B

SKILLS:

Languages:

- Python
- Java
- JavaScript

Libraries / Frameworks:

- Matplotlib
- Numpy
- Pandas

- Scikit-learn
- PyTorch

EXPERIENCE:

Project - Butterfly & Moth Classifier model:

OCTOBER 2025 - NOVEMBER 2025

- Created using a Lepidoptera dataset labelled by species.
- Used PyTorch to create and train a custom CNN to do classification photos - classifying into individual species.
- Integrated with streamlit so users could access the model online.

Project - Wildfire YOLO model:

JULY 2025 - SEPTEMBER 2025

- Selected, cleaned and formatted a realistic (messy) dataset for the problem specification.
- Created, tested and iterated a YOLO CNN to determine the location and spread of wildfires using satellite data.

Data2Action, Sunderland - Data Science Internship

JULY 2022 - AUGUST 2022

- Worked with their data science & machine learning team to model customer data - cleaning and formatting using pandas, analysing w/ pandas & numpy and visualising using matplotlib.
- Underwent DPA employee training using their online platform and managed user accounts, again working alongside their existing team.

ADDITIONAL:

York AI Society - Treasurer:

MARCH 2025 - PRESENT (ONGOING)

Responsible for understanding and ensuring compliance with the YorkSU financial system, recording and justifying any expenditures as well as appealing for funding where appropriate.

University of York Tutoring:

SEPTEMBER 2025 - PRESENT (ONGOING)

Tutoring struggling students pro bono; teaching others has let me improve my own understanding of my course content whilst helping others as well.

British Heart Foundation - Retail Assistant:

JULY 2025 - SEPTEMBER 2025

Role included both staffing the till and handling donations - developed experience in customer service as well as working in a team and learning adaptively in a professional environment.