

Ross Usher

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Personal statement

A recent First-Class Honours graduate in Computer Science from Swansea University, currently pursuing a Master's in Advanced Computer Science. Enthusiastic about leveraging strong programming skills and academic knowledge in a professional environment. Seeking a part-time or voluntary role to gain valuable industry experience and contribute to innovative projects.

Key Skills

Programming Languages: *Python, Java, HTML, PHP (in progress), Prolog, SQL*
Development Tools: *GitHub, Git, Visual Studio Code, Eclipse, Google Colab*
Other: *Quick learner, strong problem-solving skills, team collaboration*

Education

Swansea University, Wales

MSc Advanced Computer Science

September 2024 – (Graduating) September 2025

- **Modules:** *Computer Vision and Deep Learning, Big Data and Data Mining, Data Visualisation, Optimisation, Information Systems Management, Modelling and Verification Techniques, OS and Architectures*

Swansea University, Wales

BSc (Hons) Computer Science

Graduated: July 2024

- **Achieved:** First-Class Honours
- **Relevant Modules:** Database Systems, Software Engineering, Big Data and Machine Learning, Artificial Intelligence, High Integrity Systems.

Technical Experience

AI Trainer

DataAnnotation, Remote

February 2024 – September 2024

- Annotated and labelled data for machine learning projects, ensuring high accuracy and quality.
- Compared responses of two AI models to coding-related prompts, providing detailed analysis and fact-checking of the code.
- Tested code provided by AI models, identifying and correcting errors to ensure functionality and accuracy.

British Airways: Data Science

Job Simulation on Forage

August 2024

- Completed a simulation focussing on how data science is a critical component of British Airways success

- Scraped and analysed customer review data to uncover findings
- Built a predictive model to understand factors that influence buying behaviour

Tata: Data Visualisation - Empowering Business with Effective Insights

Job Simulation on Forage

August 2024

- Completed a simulation involving creating visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making

Academic Experience

Swansea University

- **BSc - Final Year Project:** *Advancing Sports Coaching Through Real-time Machine Learning and Computer Vision: A Comprehensive Analysis*
- **Land Cover Detection using Aerial Imagery:** *Developed machine learning algorithms to classify aerial images into different land cover categories.*

Work Experience

Keyholder

Poundstretcher, Llantrisant

November 2020 - Present

- Held responsibilities for opening and closing the store, handling cash, and ensuring smooth daily operations.
- Trained and supervised junior staff members, providing leadership and support in customer service, stock management, and store maintenance.
- Developed strong organisational skills by managing inventory and stock replenishment while maintaining accurate records of sales and customer orders.
- Demonstrated excellent communication skills when assisting customers, resolving complaints, and ensuring a high level of customer satisfaction.