

# Ross Usher

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## Personal statement

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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

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**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

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### Swansea University, Wales

MSc Advanced Computer Science

*September 2024 – (Graduating) September 2025*

### 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.

## Experience

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### AI Trainer

DataAnnotation, Remote

*February 2024 - Present*

- 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 Projects**

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.*