

# SHEYIN AVONG

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Preston, Lancashire • 07956559574 • sheyin@sheyin.co.uk

**Website:** <https://sheyin.co.uk/>

## Professional summary

MSc Applied Data Science student at the University of Central Lancashire with a strong foundation in data analysis, machine learning, and statistical modelling. Proficient in Python, R, and SQL, with hands-on experience in building predictive models using techniques such as regression, classification, and deep learning. Eager to apply my technical and analytical skills to graduate/junior roles.

## Relevant Projects

- Concrete Crack (Classification and Segmentation): Developed and evaluated a deep learning algorithm for classifying and segmenting cracks in concrete surfaces.
- Heart Disease Prediction (R, Machine Learning): Built classification models (Logistic Regression & Random Forest) to predict if a patient has heart disease.

Please feel free to visit my website for more information on my projects.

## Work history

### Freelance Software Developer, 09/2024 – Present

- Designed and built a fully automated web-based certificate generation system using **Python (Flask)** for a training company. Enabling batch creation of certificates to streamline their manual certification process saving them hours.
- Customised chatbots, processes, workflows and sites in Go High Level for businesses.
- Taught students fundamentals of web development and python.

### Sales Colleague, 09/2024 – Present

#### Currys – Preston, Lancashire

- Provide advice on tech products and assist customers in making informed purchasing decisions.
- Meet and exceed sales targets while ensuring excellent customer service.
- Support inventory management and maintain an organised store environment.

### Business Analyst Internship, 01/2024 – 08/2024

#### University of Central Lancashire – Preston, Lancashire

- Analysed and visualised data to support university decision making.
- Created dashboards and reports to communicate insights to stakeholders.
- Involved in stakeholder elicitation to gather requirements, performing system tests.

## Skills

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|---|---|
| • Programming: Python, R, SQL, HTML, JavaScript | • Data Science & ML: Pandas, NumPy, Deep Learning, Data Visualisation, Regression, Clustering, Image Processing |
| • Web Development: Flask, Laravel               | • Version Control: Git, GitHub  |
| • Project Management                            | • Communication   |
| • Problem Solving                               |   |

## Education

### BSc (Hons): Computing, 09/2019 - 06/2022

#### University of Central Lancashire – Preston, Lancashire

- GPA: 2:1
- Awarded [The School Award for Best Project by student on BSc Computing]
- Course Representative

### MSc: Applied Data Science, 09/2024 - Present

#### University of Central Lancashire – Preston, Lancashire

Key Modules: Machine Learning, Visual Information Processing, Programming with Data, Internet of Things, Big Data Analytics and Visualisation.