

AMY ARIYO

London, UK

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PROFILE

Final-year MSci Earth Sciences student at UCL with experience in data analysis, research and technical reporting. Comfortable working across both practical and analytical tasks, with an interest in applying scientific and technical skills to real-world environmental and business problems.

EDUCATION

University College London (UCL) Sept 2022 – Present

MSci Earth Sciences (Expected 2026)

Relevant Modules: GIS and Remote Sensing, Statistics for Geoscientists, Environmental Geochemistry, Artificial Intelligence for Earth Observation, Ocean Physics and Climate Change

MSci Project: Investigating how sea ice surface roughness affects radar backscatter using satellite data in Arctic environments.

Gower College Swansea Sept 2020 – June 2022

A-Levels: Mathematics, Geography, Physics, Welsh Baccalaureate

Achievement: Seren Network Award

PROJECTS

Land-Cover Classification using Satellite Data 2024

Academic Project

- Analysed Sentinel-2 imagery to classify urban land cover over time, processing datasets and presenting results through maps and reports (GitHub: github.com/ariyoamy/LULC_Change_KMeans_RF).

CO2 Emissions Data Visualisation 2023

Independent Project

- Built an R-based project exploring global CO2 trends, focusing on clear and accessible data presentation (GitHub: github.com/ariyoamy/animated_co2_emissions).

EXPERIENCE

Nuffield Research Placement, Swansea University June 2021

Research Assistant

- Supported laboratory experiments on sodium-ion batteries, including preparing materials, assisting testing and recording results for analysis and reporting.

Marks and Spencer Oct 2021 – Jan 2022

Customer Assistant

- Worked in a fast-paced environment, assisting customers, maintaining stock and managing multiple tasks while keeping operations running smoothly.

SKILLS

Technical	QGIS, Python, R, Microsoft Excel, Google Colab
Data	Analysis, visualisation and environmental data interpretation
Practical	Laboratory work, sample handling, structured data collection
Other	Organisation, clear written communication, teamwork