

# Joe McClemont

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## WORK EXPERIENCE

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### Cawood Scientific Ltd.

2020 – Present

*Data Analyst*

*Cambridgeshire, UK*

- Working within the UK's leading independent group for land-based analytical testing and monitoring.
- Responsible for data processing, analysis and reporting for clients whilst maintaining data integrity and confidentiality - using a range of software including Excel, MP5 and additional proprietary tools.
- Using skills which I have developed from the simultaneous study of my MSc, I have found ways to improve efficiency for myself and my colleagues internally by developing:
  - An automated emailing system in which drafts to various clients are prepared automatically.
  - Several VBA-based scripts which aid in the preparation of environmental data for reporting.
  - A Python-based lab data download system which scrapes data from an online lab portal automatically.

### Tarmac Ltd.

Aug 2016 – Apr 2020

*Environmental Tech*

*Leicester, UK*

- Working within the Land & Natural Resources dept. for the UK's largest supplier of aggregates and asphalt.
- Responsibilities included the assimilation and management of important environmental data, including preparation and submission of environmental reports to the Environment Agency.
- A largely self-managed role, I managed the integrity and accuracy of environmental monitoring systems at several of Tarmac's largest quarries, landfills and prospect sites in the south-east.

### Enitial Ltd.

Mar 2015 – Aug 2016

*Monitoring Technician*

*Hertfordshire, UK*

- Part of a rapidly growing Environmental Consultancy specialising in emission and pollution monitoring, as well as bespoke data capture, management and reporting services.
- Responsible for the collection and handling of important environmental data, monitoring and maintenance of environmental control systems, as well as liaison with clients' employees in the field.

### Aberystwyth University

Dec 2014 – March 2015

*Health, Safety & Environment Coordinator*

*Aberystwyth, UK*

- Participated in several projects relating to general HSE interests in and around Aberystwyth University.

## EDUCATION

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### University of York

July, 2023

*MSc (Merit) Computer Science*

*York, UK*

- A two-year course studied alongside employment, aiming to alter my career path into more technical areas.
- As well as key fundamentals like Algorithms & Data Structures, modules included Big Data Analytics, Cyber Security and Machine Learning, as well as specialised subjects such as Advanced Programming and Software Engineering - which required the use of programming languages such as Java and Python.

### Aberystwyth University

July, 2014

*BSc (Hons) 2:1 Environmental Earth Science*

*Aberystwyth, UK*

- Study required completion of both individual and team projects, field reports, commentaries, presentations, management plans and statistical analyses, culminating in a scientifically driven independent research project investigating the historical concentrations of heavy metal contaminants in roadside soils.
- Participant in AU 1st & 2nd Football Team, AU Tennis Club and AU DIGS League Captain.

## SKILLS, INTERESTS & ACHIEVEMENTS

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- **Skills:** Experience with HTML, CSS & database systems; client-care; customer service; off-road driving
- **Interests:** AI; self-hosting; game, web & graphic design; football & coaching; media critique; photography
- **Achievements:** Tarmac Development Program; D of E Bronze Award; Senior Sports Leadership Award