

# Cameron Oscar Buhaenko Michie

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## EDUCATION

### University of Manchester

BSc Physics with Theoretical Physics (2:1)

Manchester, UK

09/2020 – 06/2023

### Monmouth School

A-Level: A\* A\* A\* A in Physics, English Literature, Maths and Further Maths

GCSE: 5 grades at A\*, and 5 grades at 9.

Monmouth, UK

09/2013 - 03/2020

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## EMPLOYMENT

### Ably Realtime

Developer Success Manager

London, UK

12/2023 - Present

At Ably, a platform offering real-time connectivity through WebSockets and AWS integration, I specialized in technical support and insights for early-stage users, fostering their growth. My work involved:

- Providing technical support for and delivering insights into early-stage users, to help them grow into bigger users.
- Crafting scalable solutions for live-chat, data broadcasting, synchronization apps, and collaborative environments.
- Providing technical guidance on Ably integration within full-stack architectures, including databases and AWS/Azure serverless systems, during prospect and Enterprise discovery calls.
- Acting data scientist for the commercial team, uncovering insights into customer journeys and conversion metrics.

Developer Success Manager - Intern

09/2023 - 11/2023

As an intern, I took over technical and implementation support for early-life users.

- Devised an outreach strategy and developed an app for early-life propensity-to-contact analysis to identify friction points.
- I engaged in overhaul projects of the [faq.ably.com](https://faq.ably.com) website and the webchat bot workflow, developing the ways customers interact with the product to maximise the accessibility of information and services.

### Innovative Technology Ltd.

Data Science Summer Intern

Oldham, UK

07/2022 - 09/2022

My primary project was to implement Particle Swarm Optimisation (PSO) on banknotes to search for the regions on which SVM AIs performed best in a binary classification task (real vs fake) for deployment in banknote validators, boosting fake rejection from 97.0% to 99.8%.

- Utilised machine learning modules such as Tensorflow, SK-learn in a CD/CI environment using Python.
- Executed my project to completion from drawing-board to deployment in a data-science pipeline.

### ISIS Neutron & Muon Source

Research Physics Work Experience

Oxford, UK

07/2019 - 09/2019

I worked on the TOSCA instrument with Dr Svemir Rudic, collecting and analysing neutron scattering data while researching the lattice structure of theorised new ice XVII at near 0K temperatures and at extreme ranges of pressures.

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## PROJECTS, LEADERSHIP AND VOLUNTEERING

### MAMOC Blog

Co-founder

[mamoc.blog/](https://mamoc.blog/)

08/2023 - Present

- Produce technical long-form articles about mathematical and computational topics, with a focus on generating data to create interesting visuals using C++, C#, Python: “*The Spatial Ecology of Predator-Prey Systems.*”.
- I coded the [mamoc.blog](https://mamoc.blog/) website from scratch, using React and Next.js.

### Manchester University Boat Club

Senior Mens' Captain and Senior Mens' Coach

Manchester, UK

05/2021 - 05/2023

- How to motivate, manage expectations, and give constructive criticism from a leadership position, and execute a training strategy that balances both long-term and short-term goals.