## Education

**University**                                                                                                UK
*Bachelor of Science (Hons) in Computer Science*                                      Sept. 2021 – July 2024
- Grade Achieved: First Class
- Awarded the a Scholarship for Academic Excellence in 2021

**Academy**                                                                                          London, UK
*A Levels and GCSES*                                                                        Sept. 2014 – July 2021
- Sixth Form: A in Media Studies, Distinction*Distinction* in Digital Media, Distinction* in Business Studies

## Experience

**Customer Team Member**                                                              July 2022 – Present
*The Cooperative Group*                                                                            London, UK
- Part-time work during my university studies
- Providing customer service to people in store
- Unloading and Replenishing Stock

**Software Engineer Intern**                                                    July. 2023 – Sept. 2023
*Shard Capital LLP*                                                                        City of London, UK
- Developing crucial front-end screens in Angular to assist business needs
- Working with REST APIs in .NET Core and C#, developing services to connect with front-end screens
- Using Jira to manage tasks/stories, in an Agile environment, and using Bitbucket for Version Control

**Software Documentation Intern**                                              Sept. 2023 – Sept 2023
*RiverFort Global Capital*                                                                        London, UK
- Reading and understanding Swift code written by an external developer
- Documenting code for a financial application

**Project Management Work Experience**                                        July. 2020 – July 2020
*Kier Group*                                                                                        London, UK
- Working along side Site Managers & Project Manager to maintain Health & Safety Guidelines throughout the site
- Directly controlling important site documents and making sure they are organised correctly
- Understanding how project/site management works in a large-scale project

## Projects

**AttributeAtlas** | *Next.js, TypeScript, MongoDB, Node.js, REST APIs, Three.js*          May 2023 – June 2023
- A Fun and Educating game about guessing countries based on various facts
- Developed a full-stack web application using with Next.js serving as both front-end and back-end with REST API routes and interactive screens
- Implemented NextAuth to add authentication to my application using GitHub & Google OAuth.
- Used Three.js to implement a 3D Globe for interactivity

**Environment Monitor** | *Arduino, MongoDB, Flask, Python, Next.js, TypeScript*   October 2023 – December 2023
- Engineered a device integrating an ESP32 and various sensors to monitor environment data in Arudino
- Utilizing Flask in Python to create a RESTful API that publishes real environmental data to a MongoDB database and providing predictive insights via ML with Meta's Prophet
- Developed a dashboard for the data using Next.js with real-time updates using WebSockets and showing detailed information based on your environment.

## Technical Skills

**Languages**: Java, Python, C#, SQL (Postgres, MS SQL Server, MySQL), JavaScript, TypeScript HTML/CSS
**Frameworks**: React, Node.js, Flask, Next.js, ASP.NET Core, Tailwind CSS
**Developer Tools**: Git, DigitalOcean, Visual Studio Code, Visual Studio, PyCharm, IntelliJ, Rider, Microsoft Office Suite
**Libraries**: pandas, NumPy, Matplotlib, Scikit-learn, MongoDB