

EDUCATION

University of Buckingham Master of Science, Applied Data Science Level 7 Certificate, Digital and Technology Solutions Specialist	Buckingham, UK Expected Grad. Jul 2026 Expected Completion Jul 2026
University of Bath Master of Science, Computer Science Honours Bachelor of Science	Bath, UK Distinction // Graduated Jan 2025 Second Class: First Division // Graduated Jul 2023
<ul style="list-style-type: none">(2024) Awarded the Global Leaders Scholarship for academic excellence and outstanding leadership.(2023) President of the African Caribbean Society, leading initiatives to promote cultural awareness and inclusivity.	

RELEVANT EXPERIENCE

Software Engineer ETAS (Bosch Automotive Service Solutions)	Sep. 2024 – Present (Hybrid) Manchester, UK
<ul style="list-style-type: none">Collaborated as part of team working on diagnostic insight tools and leveraging sequential pattern mining ML for next-likely vehicle component breakdown predictions, achieving approximately 50% accuracy compared to actual data.Centralised knowledge of an ongoing, undocumented software project into a single location, enhancing maintainability and team onboarding through documentation, cross-team meetings, and functionality updates where possible.Optimised data processing pipeline by updating AWS Lambda python triggers to deploy a fully restructured and upgraded XML-to-JSON file parser, resulting in notably greater system efficiency with seamless integration into OpenSearch.	
Graduate Data Analyst KTC (Edibles) Ltd — Supplier & Manufacturer for Food & Oil	Jul. 2023 – Sep. 2023 Wolverhampton, UK
<ul style="list-style-type: none">Led the migration of Business Insight data to an automated SQL database, streamlining data extraction and delivery by eliminating manual processes—saving approximately 16 hours weekly and freeing 4+ team members for higher-value tasks.Enhanced Sales Reporting Dashboard through both user interface and general feature development including: financial rebate adjustments, contract management, and VBA scripts for end-user input. Currently utilised by 80+ sales representatives, with controlled user access. 93% reported visible improvements in data management and reporting capabilities through measured employee surveys.Optimised data organisation by conducting data modeling, clearing just over 98% of anomalies and duplicates to enhance data quality, and undertaking the creation of a data dictionary for the implementation of a company-wide data lake.	
Data Science Intern Datern — Data Consultancy & Training Services	Jun. 2023 – Jul. 2023 Remote, UK
<ul style="list-style-type: none">Improved data efficiency and accuracy using SQL, Power BI, and Python for strategic insights and accurate predictions through advanced web-scraping and machine learning.	

PROJECTS

Early-stage Carbon Observer (ECO) Python (Scikit-learn, spaCy, NLTK), Flask, Docker, React.js	Apr. 2024 – Sep. 2024
<ul style="list-style-type: none">ML-based tool to predict embodied carbon from architectural design descriptions during early-stage design processes through an NLP -> Histogram-based Gradient Boosting (HGB) pipeline, scoring 85 on the System Usability Scale (SUS).Utilised semantic analysis and named entity recognition (NER) to convert unstructured text into structured features, achieving 100% precision in ranking buildings by carbon impact in test scenarios (despite lower "exact scoring" accuracy).Integrated NLP libraries such as Hugging Face Transformers, spaCy, and NLTK for feature extraction and data preprocessing.	
Bloom JavaScript, React, React-Native	Oct. 2023 – Jan. 2024
<ul style="list-style-type: none">Led an Agile team of 7 in bi-weekly sprints to develop "Bloom": a cross-platform mobile application combining entertainment with interactive plant-care learning. Tested on 12+ devices without major issues.Leveraged weekly end-user feedback loops to raise satisfaction scores by over 80%, improving feature clarity and overall UX.Achieved 60% next-day user retention through gamified quizzes, achievements, and timed care reminders for goal tracking.	

TECHNICAL SKILLS

Languages: JavaScript (ES6+)/EJS, Python, C, SQL, HTML/CSS, Bash/Shell Scripting, VBA
Frameworks: React, React-Native, Node.js, jQuery, SCSS (SASS), Pytorch, SpaCy, Flask, Scikit-learn
Database Tools/CSPs: AWS, Firebase, SQL Server Management Studio, Microsoft Access, MongoDB/Atlas
Developer Tools: Jenkins, Docker, Git, Bitbucket, Jira, AWS, VS Code, PyCharm/IntelliJ
CAD & Visualisation Tools: PowerBI, Figma, Adobe (Photoshop, Illustrator, Indesign), Autodesk (AutoCAD, Revit, 3DS Max), Rhinoceros 3D, Unreal Engine, Enscape
Certifications: AWS Cloud Practitioner ; Neo4j Certified Professional ; The Complete 2023 Web Developer Bootcamp ; C Programming for Beginners ; Level 3 Diploma in Networking and Cybersecurity