

EDUCATION

<b>University of Buckingham</b> <i>Master of Science, Applied Data Science</i>	Buckingham, UK <i>Expected Grad. Jul 2026</i>
<b>University of Bath</b> <i>Master of Science, Computer Science</i> <i>Honours Bachelor of Science</i>	Bath, UK <i>Distinction // Graduated Jan 2025</i> <i>Second Class: First Division // Graduated Jul 2023</i>
<ul style="list-style-type: none"><li>• (2024) Awarded the Global Leaders Scholarship for academic excellence and outstanding leadership.</li><li>• (2023) President of the African Caribbean Society, leading initiatives to promote cultural awareness and inclusivity.</li></ul>	
<b>ESFA UK — Professional Training</b> <i>Level 7 Certificate, Digital and Technology Solutions Specialist</i> <i>Level 3 Diploma in Networking and Cybersecurity</i>	Remote <i>Expected Completion Jul 2026</i> <i>Completed Aug 2024</i>

RELEVANT EXPERIENCE

<b>Software Engineer</b> <i>ETAS (Bosch Automotive Service Solutions)</i>	Sep. 2024 – Present <i>(Hybrid) Manchester, UK</i>
<ul style="list-style-type: none"><li>• 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.</li><li>• 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.</li><li>• 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.</li></ul>	
<b>Graduate Data Analyst</b> <i>KTC (Edibles) Ltd — Supplier &amp; Manufacturer for Food &amp; Oil</i>	Jul. 2023 – Sep. 2023 <i>Wolverhampton, UK</i>
<ul style="list-style-type: none"><li>• 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.</li><li>• Enhanced Sales 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+ personnel, with controlled user access. 93% reported visible improvements in data management and reporting capabilities through measured surveys.</li><li>• 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.</li></ul>	
<b>Data Science Intern</b> <i>Datern — Data Consultancy &amp; Training Services</i>	Jun. 2023 – Jul. 2023 <i>Remote, UK</i>
<ul style="list-style-type: none"><li>• Improved data efficiency and accuracy using SQL, Power BI, and Python for strategic insights and accurate predictions through advanced web-scraping and machine learning.</li></ul>	

PROJECTS

<b>Early-stage Carbon Observer (ECO)</b>   <i>Python (Scikit-learn, spaCy, NLTK), Flask, Docker, React.js</i>	Apr. 2024 – Sep. 2024
<ul style="list-style-type: none"><li>• ML-based tool to predict embodied carbon from architectural design descriptions during early-stage design processes through an NLP -&gt; Histogram-based Gradient Boosting (HGB) pipeline, scoring 85 on the System Usability Scale (SUS).</li><li>• Utilised semantic analysis and named entity recognition (NER) to convert unstructured text into structured features, achieving 100% precision in <b>ranking</b> buildings by carbon impact in test scenarios (despite lower "exact scoring" accuracy).</li><li>• Integrated NLP libraries such as Hugging Face Transformers, spaCy, and NLTK for feature extraction and data preprocessing.</li></ul>	
<b>Bloom</b>   <i>JavaScript, React, React-Native</i>	Oct. 2023 – Jan. 2024
<ul style="list-style-type: none"><li>• 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.</li><li>• Leveraged weekly end-user feedback loops to raise satisfaction scores by over 80%, improving feature clarity and overall UX.</li><li>• Achieved 60% next-day user retention through gamified quizzes, achievements, and timed care reminders for goal tracking.</li></ul>	

TECHNICAL SKILLS

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