

Daniel Favour Oshidero

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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

- (2024) Awarded the Global Leaders Scholarship for outstanding academic achievements and leadership potential.
- (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

- Collaborated as part of team working on diagnostic insight tools and leveraging sequential pattern mining ML for next-likely vehicle component breakdown predictions.
- Initiated documentation of an ongoing, undocumented software project, enhancing maintainability and team onboarding by setting up cross-team meetings and updating functionalities where possible.
- Optimised data processing pipeline by updating AWS Lambda python triggers to deploy an improved XML-to-JSON parser, enhancing system efficiency and ensuring seamless integration with OpenSearch.

Graduate Data Analyst

KTC (Edibles) Ltd — Supplier & Manufacturer for Food & Oil

Jul. 2023 – Sep. 2023

Wolverhampton, UK

- Led the migration of Business Insight data to an automated SQL database, eliminating manual processes by optimising the SQL data architecture, reducing the workload of 4 team members.
- Developed and scheduled automation scripts for data validation and input from Access servers to streamline operations.
- Enhanced Sales Reporting Dashboard through both user interface and general feature development including: financial rebate adjustments, contract management, and VBA scripts for end-user data input. Added Row-Level Security to control user access, currently utilised by 80+ sales representatives showing a collective improvement in data management and reporting capabilities through measured employee surveys.
- Optimised data organisation by conducting data modeling, resolving 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

- 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

- 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.
- Utilises semantic analysis and named entity recognition (NER) for converting unstructured text into structured features.
- 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

- Spearheaded the engineering of "Bloom" as part of an Agile development team, a cross-platform mobile application combining entertainment and interactive learning about indoor plant care.
- Leveraged UX and HCI best practices to architect a seamless and intuitive user interface .
- Implemented advanced state management with offline data persistence using *redux* and *async-storage*.

TECHNICAL SKILLS

Languages: C, Python, SQL, JavaScript (ES6+)/EJS, 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 & Visualization Tools: PowerBI, Figma, Canva, Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Autodesk AutoCAD, Autodesk Revit, Rhinoceros 3D, 3DS Max, 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](#)