

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)

Sep. 2024 – Present

(Hybrid) Manchester, UK

- Collaborated as part of team developing machine learning software, leveraging sequential pattern mining for next-likely vehicle component breakdown predictions.

Graduate Data Analyst

KTC (Edibles) Ltd

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

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Jun. 2023 – Jul. 2023

Remote, UK

- Enhanced data processing efficiency and accuracy through advanced SQL, Power BI, and Python utilisation, enabling more strategic business decisions.
- Extracted large datasets and insights utilising Python web-scraping and machine learning algorithms for higher accuracy predictions.

PROJECTS

[CHIP-8 Emulator](#) | C, SDL2

Nov. 2023 – Present

- Developed CHIP-8 emulator with SDL integration, featuring state management, instruction decoding, and graphical output scaling.
- Implemented opcode execution, sprite drawing with collision detection, and timers, using bitwise operations and memory management.

[Bloom](#) | JavaScript, React, React-Native

Oct. 2023 – Jan. 2023

- 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*.
- Integrated sophisticated navigation solutions to enhance app performance and usability through *react-navigation*.

TECHNICAL SKILLS

Languages: C, Python, SQL, JavaScript (ES6+)/EJS, HTML/CSS, Bash/Shell Scripting, VBA

Frameworks: React, React-Native, Node.js, Axios, jQuery, SDL, SCSS (SASS), Pytorch, SpaCy, Flask, Scikit-learn

Database Tools/CSPs: AWS, Firebase, SQL Server Management Studio, Microsoft Access, MongoDB/Atlas

Developer Tools: Docker, Git, Bitbucket, Jira, AWS, VS Code

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](#)