

Daniel Favour Oshidero

www.dfvro.com // [LinkedIn](#) // [GitHub](#)

Email : dfoshidero@outlook.com

Mobile : +44 7400 481504

EDUCATION

University of Bath

Bath, UK

Master of Science, Computer Science

Current Avg, Distinction // Expected Grad. Oct 2024

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

Honours Bachelor of Science, in Architecture

Second Class: First Division // Graduated Jul 2023

- President of the African Caribbean Society, leading initiatives to promote cultural awareness and inclusivity.

Harlington School

London, UK

Mathematics, Physics, Art & Design

A*, A, A // A-Levels 2019

RELEVANT EXPERIENCE

Graduate Data Analyst

Jul. 2023 – Sep. 2023

KTC (Edibles) Ltd

Wolverhampton, UK

- Led the migration of Business Insight data to an automated SQL database, eliminating manual processes by optimising the SQL data architecture.
- Developed and scheduled automation scripts for data validation and input from Access servers to streamline operations.
- Enhanced Sales Reporting Dashboard through feature development including financial rebate adjustments and contract management. Implemented VBA scripts for end-user data input, and Row-Level Security features to control dashboard access based on user.
- Conducted data modeling, and identified and rectified data anomalies and duplicates to improve data quality.
- Led the creation of a data dictionary resource to improve organisation for the implementation of a company-wide data lake.

Data Science Intern

Jun. 2023 – Jul. 2023

Datern

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.

Skills Co-Creator | Senior Ambassador

Nov. 2022 – Jul. 2023

University of Bath

Bath, UK

- Conducted comprehensive research to identify skill deficiencies amongst the University community.
- Collated and analysed data to inform the development of training programs and educational resources.

PROJECTS

[Pool | Hack South West 2024 Hackathon](#) | React-Native, Node.js, Firebase

Runner-Up // Feb. 2024

- Placed 2nd place creating a finance app for fund pooling and investment through gained interest on loans.
- Demonstrated scalable cloud integration and account authentication with secure data management.

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

Frameworks: React, React-Native, Node.js, Express.js, Bootstrap, Axios, Mongoose, jQuery, SDL, SCSS (SASS)

Databases/CSPs: SSMS, Oracle, Access, MongoDB/Atlas, Firebase

Developer Tools: Git, Jira, AWS, VS Code, Visual Studio

CAD & Visualization Tools: PowerBI, Figma, Canva, Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Autodesk AutoCAD, Autodesk Revit, Rhinoceros 3D, 3DS Max, Unreal Engine, Twinmotion, Enscape

Certifications: [AWS Cloud Practitioner](#), [The Complete 2023 Web Developer Bootcamp](#), [C Programming for Beginners](#)