

Emmanuel Immanuel

London • uzo.immanuel40@gmail.com • linkedin.com/in/emmanuel-immanuel • Uzochuks.com

Software Developer

Innovative Software Engineer with 1+ years of experience in front-end and back-end development. Skilled at implementing automation and efficiency solutions to recover lost funding and optimize operations. Focused on solving complex problems with a results-driven approach, while fostering clear communication and collaboration to maximize team efficiency and growth.

SKILLS

Technical: Agile Development, Algorithmic Trading, Automation, Azure, C++, Data Structures, Git, Google Cloud Platform (GCP), Java, JavaScript/TypeScript, NumPy, Object Orientated Programming, OOP, pandas, Python

Soft Skills: Analytical Thinking, Forward Planning, Problem Solving, Project Management, Stakeholder Communication, Team Coordination

WORK EXPERIENCE

Anglo Skills College • Nottingham City, England, United Kingdom • 01/2024 - Present

Information Technology Administrator

- Implemented **digital attendance system** using Power Automate, Jotform, JavaScript, and Excel – achieving **78% adoption** and reducing manual tracking by **10+ hours/week**.
- Deployed **automated Attendance Tracker**, improving reporting accuracy by **40%** and enabling real-time monitoring for 200+ students.
- Managed a small team (4 people), overseeing task delegation, communication, and on-time project delivery.
- Administered **Microsoft Azure** accounts and maintained the **Virtual Learning Environment (VLE)** for 200+ students and staff, ensuring **100% uptime**.

Uzochuks • 09/2024 - Present

Independent Algorithmic Trading Developer • Freelancer

- **Designed and deployed prototype trading bots** using machine learning techniques, with backtests demonstrating **consistent positive returns** and execution speeds measured in milliseconds.
- **Backtested and refined trading strategies** on historical time-series datasets in Python (NumPy, pandas, Matplotlib), running **hundreds of simulations** to improve accuracy and reduce potential drawdowns.
- **Modeled risk and performance metrics** across instruments including **XAUUSD and major FX pairs**, analyzing Sharpe ratio and drawdown to guide strategy selection.

EDUCATION

Bachelor of Science - BS in Computer Games and Programming Skills

De Montfort University • Leicester • GPA: 2.1 • 01/2020 - 01/2023

Activities and Societies: Game Jam Session

BTEC in Information Technology

Bluecoat Sixth Form • GPA: Merit, Merit • 01/2018 - 01/2020

CERTIFICATIONS

Python Essential Training • 08/2025

LinkedIn

Java Essentials • 09/2025 - 09/2025

[LinkedIn](#)

C Essential Training • 08/2025 - 08/2025

[LinkedIn](#)

PROJECTS

Algorithmic Trading A-Z with Python, Machine Learning & AWS • 07/2024 - 11/2025

[Udemy](#)

Built and deployed an automated trading bot in Python, integrating strategy backtesting and live execution.

Terrain Shader • 01/2023 - 05/2023

This project was about getting to grips with the development of shaders, lighting models, and loading images. We did additional implement features such as tessellation, geometry shader along with displacement and heigh mapping.