Emmanuel Immanuel

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Portfolio: <https://uzochuks.com/> LinkedIn: [linkedin.com/in/emmanuel-immanuel](https://www.linkedin.com/in/emmanuel-immanuel/)

**Professional Summary**

Versatile and motivated software developer with experience in backend development, automation, data analysis, and financial technology. Skilled in designing scalable systems, managing cloud-based infrastructures, and applying quantitative methods to solve real-world problems. Actively seeking roles in backend, full-stack or fintech development.

**Core Skills**

* **Programming Languages:** Python, C++, C#, Java, Lua, JavaScript
* **Web Dev & Framework Tools:** .NET, React, Node.js, PHP, HTML, CSS
* **Data & Analysis:** SQL, MySQL, pandas, Numpy, MATLAB
* **Cloud & DevOps:** Azure, AWS, Git
* **Software Tools:** MATLAB, Visual Studio, CoppeliaSim, Anaconda
* **Methodologies:** Agile, Unit Testing, Version Control, Software Documentation
* **Soft Skills:** Analytical Thinking, Communication, Team Collaboration, Problem Solving

**Professional Experience**

**IT Admin/Software Dev** – Anglo Skills College  
Jan 2024 – Present

* Developed and implemented PHP/MySQL CMS, increasing website engagement by 35%
* Analyzed user behavior using traffic data—transferrable to market behavior analytics
* Managed secure cloud systems supporting over 1,000 users with 99.9% uptime
* Led CRM integration that streamlined upload of 1,500+ student records
* Developed and managed fully automated Absence System generate reports for over 100 students per day.

**Independent Developer & FinTech Analyst** – Freelance Projects  
Jan 2025 – Present

* Designed and deployed automated trading bots using machine learning techniques
* Backtested trading strategies on time-series datasets with Python (NumPy, pandas, Matplotlib)
* Simulated risk and performance metrics across currency pairs such as XAUUSD
* Hosted and maintained trading systems in the cloud using AWS and low-latency pipelines

**Education**

**BSc (Hons) Computer Games Programming** (2.1) – De Montfort University  
Oct 2020 – Sept 2023

* Final-year project: ML-powered trading system with Python/C++ integration
* Built C++ applications using STL, OOP, and OpenGL
* Relevant coursework: Data Structures, Algorithms, Real-Time Systems

**Skill Bootcamp – Data Analysis (Python)** – Purple Beard  
Aug 2023 – Oct 2023

* Preprocessed housing datasets and built data pipelines for visualization and insight generation

**Early Education:**

* Bluecoat Sixth Form, Nottingham – IT & Applied Science (Merit Merit)
* Trinity Catholic School, Nottingham – 5 GCSEs incl. Mathematics, English, Science

**Projects**

* <https://github.com/Uzo01/Trading-bot> (Trading Bot research and development)
* <https://github.com/Uzo01/Housing_Inflation_Analysis-> (Data Analysis Project)

**Interests**

Financial markets, quantitative analysis, algorithm design, cloud computing, fitness, and open-source collaborations

**References**

Available upon request