

Paul Ezennolim

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EDUCATION

University of Sheffield

UK, Sheffield

BSc in Computer Science

Expected Graduation, Summer 2026

- **Core Concentration:** Software development, Machine Learning, Data Science; **Degree classification:** 2:1 (Second Year)
- **A-level/BTEC grades:** A/B/Distinction* – Mathematics, Physics, ICT; **GCSE:** 9 A*/A in all core subjects Maths and Science
- **Relevant coursework:** Software Engineering, Algorithms and Data Structures, Reinforcement Learning, Deep Learning

EXPERIENCE

Moody's Analytics

UK, Manchester

Data Specialist Intern

June 2025 – August 2025

- Amended 1,500+ historical PEVC deal records using workflow diagrams, which improved overall dataflow accuracy by 30%.
- Updated every company position across 800+ deals via deal flowchart, quickly improving clarity and reducing errors overall.
- Corrected and standardised fund manager references via detailed Excel checks; this greatly reduced reporting errors by 25%.
- Identified and resolved 75+ data discrepancies using decision rules, thereby improving accuracy and cutting processing time.

PROJECTS

Paul's Dev Notes

UK, Sheffield

Personal

October 2025

- Designed and developed a site using HTML, CSS, and JavaScript to showcase work on software dev and programming.
- Organised content around core software themes, using Git and Cloudflare to enhance performance, reliability, and security.
- Managed domains and DNS via Namecheap, applying deployment practices to support continuous learning and publication.

Natural Cement CRM System

UK, Manchester

Team Member

February 2025 - May 2025

- Built a bespoke CRM system for Natural Cement, centralising customer data with secure, role-based user access and control.
- Developed full-stack features with Ruby on Rails, delivering dashboards, interaction logs, and automated task scheduling.
- The system improved data management, streamlined client engagements, enhancing overall internal coordination by 20%.

Peak Tales e-Library

UK, Sheffield

Team Member

September 2023 – May 2024

- Managed and optimised databases with SQL, ensuring efficient, scalable data handling for high-volume online transactions.
- Designed and implemented backend logic using Ruby and Sinatra, thus solidifying final system performance and efficiency.
- Composed a responsive user interface using HTML, CSS, and JavaScript, greatly enhancing user experience and engagement.

AI Flappy Bird Great Uni Hackathon

UK, Manchester

Personal

November 2023

- Trained a NEAT-based AI agent in Pygame to learn Flappy Bird autonomously, producing a high-performing evolved model.
- Designed compact inputs and rewards to guide stable learning, which sped up convergence and avoided bad behaviours.
- Built a Matplotlib training and visualisation pipeline to track fitness and replay the best agent, improving interpretability.

ACHIEVEMENTS AND ACTIVITIES

Engineering Your Hired

Uk, Sheffield

Team member

February 2025

- Designed an AI-powered waste sorting system using computer vision to improve e-waste recycling in industrial settings.
- Collaborated with mentors and industry experts to ensure feasibility, delivering the solution through formal presentations.

Global Engineering Challenge

UK, Sheffield

Team member

January 2024

- Worked with a team to create a healthcare solution for remote areas, improving access for underserved rural populations.
- Developed the project's executive summary and presentation slides, actively engaging mentors and experts for feedback.

Health & Fitness

UK, Manchester

Personal

Present

- Dedicated to fitness through regular training, progress tracking, and applying sports science for performance and recovery.
- Peer coach: support friends with form, meal plans, accountability, and teamwork in group training sessions and challenges.

SKILLS

Programming: Java, Ruby, Python, JavaScript, HTML/CSS, SQL; **Tools:** Git, Visual Studio Code, Jupyter Notebook, Webpack, npm/yarn

Frameworks: Ruby on Rails, Sinatra, RSpec, Pygame; **Productivity software:** Microsoft 365, Google Workspace, Slack

Interests: Music, Arts, Cinematography, Hiking, Global Affairs; **Personal:** Communication, Teamwork, Adaptability, Time Management