

Shalom DOSSEH

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PROFILE

Data Professional with a strong foundation in Python programming and a genuine interest in generative AI technologies. Experienced in developing AI-driven applications and collaborating with cross-functional teams to deliver innovative solutions.

WORK EXPERIENCE

Data Science & Analytics - Internship

Jul. 2024 – Apr. 2025

Gozem - Africa's Super App

- Partnered with Gozem Money leadership to understand data requirements for the pre-launch phase of a new fintech vertical, including data extraction and analysis across large-scale financial datasets for financial forecasting and transaction analytics.
- Utilized Python (Pandas, Scikit-learn), SQL, and Looker Studio to generate actionable insights and align business needs with technical solutions.
- Leveraged SQL and Astro Airflow to design and implement real-time transaction monitoring for **8,000,000+** monthly transactions to detect and prevent fraud, money laundering, and terrorist financing activities.
- Collaborated with the data engineering team to gather, structure, and integrate data from multiple sources into a centralized analytics repository, enabling a unified view of key product insights.

Data Analyst (Ride-hailing) - Internship

Sep. 2023 – Jan. 2024

Gozem - Africa's Super App

- Executed **65%+** of the squad's quarterly tasks, completing **92%** of high-priority deliverables efficiently.
- Investigated transaction data, detecting and dismantling fraudulent schemes, leading to millions in recovered revenue.
- Performed data integrity checks, identifying and resolving anomalies to maintain accurate reporting.
- Automated routine reporting and analytics tasks, improving efficiency and precision in data insights.

PROJECTS

MyResumo

- Built an AI-backed resume generator designed to tailor your resume and skills based on a given job description.
- Leveraged the latest advancements in AI to provide an ATS-friendly resume.
- Innovative tool that helps users create optimized resumes for job applications.

MyTorch

- Developed a neural network-based chessboard analyzer from scratch without deep learning libraries.
- Trained models on FEN notation to classify six game states.
- Achieved **90%** accuracy in binary classification and **60-70%** in multi-class tasks.

Gomoku AI

- Developed a high-performance Gomoku AI bot using Min-Max with Alpha-Beta pruning and heuristic scoring.
- Designed to compete with GomokuCup AI bots, ensuring efficiency under computational constraints.
- Optimized decision-making for the Gomoku game.

PyDepViz

- A Python-native dependency graph visualizer designed to simplify dependency management in Python projects.
- Helps developers visualize and resolve dependency deadlocks efficiently.
- Tool that aids in managing Python project dependencies.

EDUCATION

EPITECH - European Institute of Technology

Oct. 2022 – Present

Bachelor's degree, Innovation and Information Technology

Cultivated robust skills across various domains of computer science, completing nearly 130 projects and mini-projects. Relevant Courses: Computer Numerical Analysis, Artificial Intelligence, Advanced DevOps, Advanced C++.

SKILLS

Technical Skills: Python, SQL, Pandas, NumPy, Scikit-Learn, Looker Studio, Excel, GCP, Azure, MongoDB, Docker, Jenkins, Ansible, Apache Airflow, Git Source Control, Github action, Linux

Soft Skills: Adaptability, Coachable, Problem-Solving, Decision-Making, Effective communication, Active listening

CERTIFICATIONS

- Career Essentials in GitHub Professional Certificate (Github, Expected Feb. 2025)
- Data Scientist Certification (Datacamp, Expected Jul. 2025)
- AI Engineer for Data Scientists Associate Certification (Datacamp, Expected Sep. 2025)
- Certified Associate in Project Management (CAPM) (PMI, Expected Sep. 2025)