

Kevin Otah Ogbusuo

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Education

EPITA Paris – BSc in Computer Science

April 2028 (expected graduation date)

- GPA: 17.29/20 | Ranked 4th/54
- Relevant coursework: Advanced Algorithms and Data Structures (17.73/20), Object-Oriented Programming (19.37/20), Intermediate Python (18.12/20), Shell Programming (18.93/20), Web Application Development (18/20), Computer Networks (15/20), Probability and Statistics (18.65/20)

Skills

Languages: Python, C, JavaScript, PHP, SQL, HTML, CSS

Technologies: Git, GitHub, Linux, Bash, Flask, Streamlit, SQLite, MySQL, Pytest

Concepts: Data Structures and Algorithms, Object-Oriented Programming, REST APIs, CRUD, RAG

Projects

Dynamic Dispatch Simulator – Medical Delivery Optimization

Python, Streamlit

- Designed and implemented a greedy heuristic for Vehicle Routing with Time Windows (VRPTW), prioritizing temperature-sensitive and hospital deliveries under vehicle-capacity and scheduling constraints.
- Modeled a 6-vehicle heterogeneous fleet using optimized, custom Delivery and Vehicle data structures.
- Built an interactive Streamlit dispatch simulator supporting 30–70 daily deliveries and failure scenarios including driver absence and refrigerated-vehicle breakdowns.
- Designed the system to prioritize reliability over fuel efficiency, automatically deferring lower-priority pharmacy deliveries when capacity constraints prevent full assignment.

Corpus Forge – AI Document Assistant

Python, Flask, SQLite, RAG, Pytest

- Built a Flask web application for document management and AI-assisted chat, flashcard, quiz and code-review generation, with optional RAG retrieval.
- Implemented persistent document storage using SQLite metadata and filesystem-based uploads, including filename sanitization and file size/type validation.
- Structured the application into separate routing, configuration, storage, retrieval and testing components, with pytest-based automated tests.

Daft Punk Library – Web Application

PHP, MySQL, PDO, OOP

- Built a multi-user CRUD web application for managing a personal Daft Punk track library, with user registration, authentication, sessions, and per-user data isolation.
- Implemented PDO-based database access with prepared statements and a structured OOP architecture, protecting database operations against SQL injection.

Experience

AI-Powered Document Intelligence & Data Extraction Extern, Pfizer – Remote

September 2026 – Present

- Selected for a technical externship building production-grade document intelligence and NLP pipelines for clinical workflows.
- Training in data extraction using Python (PyMuPDF, pdfplumber, OpenCV) to parse unstructured documents.
- Curriculum includes engineering RAG-based retrieval tools and benchmarking multiple OCR engines to output structured JSON data.

Crew Member, McDonald's – Paris, France

March 2026 – Present

- Maintained high accuracy and operational standards in a fast-paced environment while balancing full-time Bachelor's coursework.