

CYRIL MICHAEL DAGHER

Academic City University-Agbogba, Accra | cyril.dagher.m@gmail.com | www.linkedin.com/in/cyrildagher | +23325 775 5715

EDUCATION

Academic City University College (*currently enrolled*)
(B.Sc. Computer Science)

Accra, Ghana
Since Sept. 2023; GPA: 3.5/4.0

Ghana Secondary Technical School
(WASSCE, Science)

Takoradi, Ghana
2019-2022; GPA: 3.3/4.0

AWARDS & ACCOLADES

- Academic City University (Community Impact Award) December 2024,
- Academic City University (Innovation Excellence Award) December 2024,
- Academic City University (Technology Innovation Award) December 2024,
- Google Developers Group Club – Academic City University (Hackathon 1.0) October 2025,
- NSAA Community Service Award – Academic City University March 2026.

WORK EXPERIENCE

Software Engineering Intern (Frontend, Backend & Data Analysis)

Corvus – Hedge Fund | Dubai, UAE

August 2025 – Present, Accra, Ghana

- **Developed** full-stack trading and analytics tools supporting data-driven decision-making in the sports trading industry.
- **Built** frontend dashboards to visualize market trends, trade performance, and analytical insights.
- **Implemented** backend services and APIs to process, store, and analyze large-scale trading and sports data.
- **Collaborated** with traders and analysts to deliver **custom software solutions** that improved trade evaluation and analysis efficiency.

Software Developer (Frontend & Data Analysis)

CIRILO Group | Takoradi, Ghana

May 2025 – July. 2025

- **Developed** interactive frontend dashboards to visualize business and operational data for internal stakeholders.
- **Built** data pipelines and analytics tools to collect, process, and interpret large datasets, enabling actionable business insights.
- **Collaborated** with cross-functional teams to translate business requirements into technical solutions.
- **Optimized** data visualization and reporting tools, improving decision-making speed and accuracy for management.

PROJECT EXPERIENCE

Bird Attack Prevention System for AgroKings Farms

Oct. 2023, Accra, Ghana

- **Engineered** an **innovative and sustainable** solution to mitigate bird attacks on rice crops.
- **Collaborated** with farmers and experts to ensure practical implementation and scalability

AI Voice Recognition System

Jan 2025, Accra, Ghana

- **Trained** machine learning models to improve speech accuracy and recognition efficiency.
- **Integrated** real-time processing to enhance user experience and accessibility.
- **Tested and refined** the model using diverse datasets to improve accuracy and reduce error rates.

PNL Analysis Ledger

Mar 2025 – Present,

- **Designed and implemented** a ledger-based system to track investor contributions, withdrawals, and portfolio performance over time.
- **Developed** logic for calculating realized and unrealized P&L across multiple investors with time-based ownership allocation.
- **Integrated** advanced financial metrics, including XIRR, to evaluate investment performance at both account and investor levels.
- **Optimized** data handling by enabling batch processing of large financial datasets (e.g., Excel imports) to ensure system scalability and stability.
- **Built** structured database models to maintain accurate historical records and support transparent financial reporting.

Elevate-ed : School-Based NGO (Tech Education & Mentorship)

Oct. 2024 – Present,

Accra, Ghana

- **Led** interactive sessions on Microsoft Word, cyber literacy, and career planning for high school students.
- **Empowered** students with essential digital skills, improving technological literacy in schools.

SKILLS & CERTIFICATIONS

Core Technical Skills: *Object Oriented Programming (OOP), Web Development, Frontend Engineering, Backend Development, Database Design & Management, API Design & Integration.*

Programming Languages: Python, JavaScript, Java, C++, C, SQL

Frameworks: *Frontend: React.js, Next.js, HTML5, CSS3*

Libraries, and Technologies: *Backend: Node.js, FastAPI*
Data & ORM: SQLAlchemy, Oracle SQL Developer
Application & Data Tools: Streamlit, Pandas, NumPY, SciPy, Microsoft Excel,

LEADERSHIP & CO-CURRICULAR ACTIVITIES

- **Student Board Council President – Varsity College**, 2019-2020, Takoradi, Ghana
 - **Led** student governance initiatives, improving student engagement and policy discussions.
 - **ACITY LEOS Club President – Lions Club International**, July 2024 – Sept 2024, Accra, Ghana
 - **Organized** community outreach programs, fostering leadership and service-driven impact.
 - **Gaming Club President - Academic City University College**, Jan 2024 – Jan 2026, Accra, Ghana
 - **Organized** sessions on **game development, strategy discussions, and competitive gaming**, fostering a tech-driven gaming community.
 - **BOARD MEMBER – Elevate-ed Org (NGO)** – Oct. Jan 2025 , Accra, Ghana
 - **Contributed** to strategic planning and decision-making to support educational access and community development initiatives.
 - **Fitness Club President** – Academic City University College, Jan 2026 – Present, Accra, Ghana
 - Leading club operations, coordinating fitness programs, and promoting student wellness through structured activities and engagement initiatives.
-