Linos Tapiwa Darikai

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EDUCATION

Ashesi University — Accra, Ghana
Bachelor of Sciences in Computer Science, CGPA - 3.77/4.00 — *Jan. 2024 – June 2027*

CESI Graduate School of Engineering — Aix-en-Provence, France
Study Abroad – Computer Science (French Govt. Cross-Mobility Scholar) — *Sep. 2025 – Jan. 2026*

EXPERIENCE

Software Engineer (Volunteer) — Oct. 2025 – Present
Develop for Good — *Remote*
- Collaborating with a team of 6 engineers, designers, and PMs to develop a web platform for Pain USA.
- Contributing to technical architecture planning, system design discussions, and technology stack evaluation during the design phase.
- Creating and reviewing technical documentation to establish project requirements and communicate design decisions.
- Utilizing Git/GitHub for version control and participating in empathetic user-centered design.

Software Developer – Cobot Research Project — Mar. 2025 – Present
Ashesi University — *Accra, Ghana*
- Worked in a team of 4 to develop Cobot, an AI-augmented group-chat platform for CS courses.
- Built error reporting for Whisper transcription using JavaScript, Express, and Socket.IO.
- Integrated bots and vector-based search into Node.js/Express backend.
- Tested the platform with 100+ students, logging issues and improving reliability.

Software Engineering Intern — June 2025 – Aug. 2025
Innbucks Microbank Ltd — *Harare, Zimbabwe*
- Designed and developed an HR onboarding web app using Angular, TypeScript, and Firebase (Auth + Firestore).
- Cut HR onboarding time from a manual 3 weeks process to under 4 hours by enabling digital workflows and progress tracking.
- Led requirements gathering with the HR team and translated needs into technical features.
- Collaborated with 3 teammates on an email filtering system using Python, Gmail API, and Firebase, which cut manual sorting and improved response speed.
- Deployed apps on Firebase Hosting and verified functionality with internal testers.

PROJECTS

Ubora Event Management App | *Java, JavaFX* — Sep. 2024 – Feb. 2025
- Built an event management platform with OOP principles to streamline guest interactions.
- Increased attendee engagement by 40% using AI-powered interest-matching for 200+ participants.

Stock Trading Algorithm App | *Python, Flask, Yfinance, HTML, Chart.js* — Sep. 2024 – Dec. 2024
- Developed an automated trading platform using fuzzy logic algorithms with 87% accuracy in market trend predictions.
- Processed over 10,000 market data points daily to support real-time trading decisions.

ACHIEVEMENTS AND AWARDS

French Government Cross-Mobility Scholarship — *2025*
Awarded competitive scholarship for study abroad at CESI Graduate School of Engineering, France.

Dean's List – Ashesi University — *2024*
Recognized for academic excellence with a CGPA of 3.77/4.00.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL (MySQL), JavaScript, HTML/CSS
Languages: English, Ndebele, Shona
Frameworks: Angular, Node.js, Flask, JUnit, FastAPI
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Firebase Console
Libraries: pandas, NumPy, Matplotlib,