Cindy Kilonzo

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EDUCATION

Ashesi University   *Accra,Ghana*
B.Sc. in Computer Science   *Expected Graduation, May 2027*
Cumulative GPA: 3.74/4.00
Relevant Coursework: Data Structures & Algorithms, Database Systems, Artificial Intelligence, Object-Oriented Programming, Statistics, Discrete Structures and Theory,Linear Algebra

ACHIEVEMENTS AND AWARDS

Mastercard Foundation Scholar, Ashesi University   *2024 – 2027*

For Youth By Youth Movement Fellow — Inaugural Cohort, Talloires Network   *2025 - 2027*

Women Techsters Fellowship — Cybersecurity Track, Tech4Dev   *Expected completion:Sep 2026*

EXPERIENCE

Programming tutor-Ashesi University   *Jan 2025-May 2025*
• Tutored students in Object-Oriented Programming concepts and Java fundamentals.
• Supported students through coding labs and one-on-one problem-solving sessions.

Industrial Attachment – University of Nairobi   *Jun 2025-Present*
• Supporting computing lab operations and technical projects
• Assisting faculty with research and system tasks.

PROJECTS

Emotion Tracking Android App   *June 2025*
• Mobile app to help users log daily emotions in real time
• Secure cloud storage with Firebase authentication
• Clean visual interface for emotional trends

Stock Prediction AI Model   *May 2025*
• Predicts profitable stocks within the S&P 500 index
• Used ensemble and deep learning techniques
• Processed large-scale financial data for feature engineering

AI Image Classification for Deepfake Detection   *Jul 2025*
• Built a CNN model using PyTorch to classify real vs. AI-generated faces.
• Used balanced datasets from Stable Diffusion and real human faces.
• Achieved strong performance using a pretrained Xception model with evaluation metrics.

ACTIVITIES AND LEADERSHIP

Developers in Vogue- Ashesi Chapter   *Accra,Ghana*
Chairperson   *June 2025-present*
• Lead and coordinate a community of student developers promoting women in technology
• Organize coding workshops, mentorship programs, and hackathons
• Foster an inclusive environment to support members' growth and technical skills development

Tech4Ed Volunteer Program — Msmiles Foundation   *Accra,Ghana*
Volunteer   *Apr 2025*
• Taught basic engineering and technology skills to children at Apam Orphanage
• Designed and facilitated engaging activities to encourage STEM learning

Youth For Charity Initiative   *Voi Kenya*
Secretary   *Dec 2022-Dec 2023*
• Managed operations for a community based charity organization with over 150 members
• Organized fundraising and community service activities

TECHNICAL SKILLS

Programming Skills: Java, Python,R, JavaScript, HTML/CSS, PHP, Dart

Tools: Android Studio, IntelliJ, Eclipse, Jupyter Notebooks, Git, MySQL, Firebase, Firestore, n8n,Pytorch, Git