

ELIZABETH EFFAH AGYEMANG

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Portfolio: <https://rookieadventurer.github.io/Elizabeth-s-Portfolio.github.io/>

EDUCATION

Ashesi University BSc. Management Information Systems	Berekuso, Eastern Region Expected Date of Graduation: June 2025
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Ghana Christian Int. High School Dodowa, Accra General Arts (*WASSCE)	Sept 2019 – Oct 2021
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ACHIEVEMENTS/AWARDS

The ALX AiCE Certificate *Dean's List Honors, Ashesi University	May – Jun 2024 2024
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WORK EXPERIENCE

Sewerage Ghana Systems Ltd – James Town, Accra Data Analyst Intern	Aug – Sept 2024
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- Designed an Excel dashboard that tracked over 1,000 data points, optimizing data collection for HR by 30% and enhancing data analysis speed, improving decision-making processes.
- Collaborated with the technical and IT teams to analyze processing plant data, identifying a 20% increase in truck volume during peak periods and recommending adjustments that reduced operational bottlenecks by 15%.

Wagyingo Enterprise – Kantamanto, Accra Marketing Intern	June – Aug 2023
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- Created a stock rotation system based on customer demand, helping track inventory better and increasing stock turnover by 25%.
- Engaged with customers in-store, providing personalized product recommendations that improved their shopping experience and increased sales conversions by about 20%.

PROJECTS AND RESEARCH

Property Rentals –Ashesi, Berekuso Ecommerce Project - eCommerce Course	Sept – Dec 2024
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- Developed an intuitive platform for renting properties, with a focus on seamless user experience.
- Implemented a robust search function, allowing users to find listings with 85% faster results, and integrated an affordability calculator to improve user decision-making.

Cybersecurity Project for SMEs – Ashesi University Researcher	Jun 2024 – present
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- Performed research on AI-driven cybersecurity solutions for SMEs in Ghana's e-commerce sector, analyzing vulnerabilities and evaluating the impact of AI on threat detection.
- Evaluated cybersecurity practices in 100+ SMEs, comparing traditional and AI-based methods.
- Architected a comprehensive AI governance framework that defined data quality standards, ethical guidelines, and risk management protocols; 15+ stakeholders adopted framework within six months amidst AI adoption.

CO-CURRICULAR ACTIVITIES

Ashesi University, Ashesi CCAPS Team Peer Coach	Dec 2022 – present
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- Provided personalized coaching sessions 10 students and facilitated workshops on time management and study techniques, helping students improve academic performance per semester.
- Collaborated with faculty on programs to promote student success, helping to implement diverse support structures.

Ashesi University, Investment Club Secretary	Jul 2024 - present
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- Planned and coordinated two workshops on investment strategies and portfolio management, attracting over 40 participants and increasing member engagement.
- Digitized club records and introduced structured agendas, streamlining operations and improving workflow efficiency by 72%.

SKILLS

- Languages:** HTML, CSS, PHP, Python, JavaScript, SQL
- Technologies & Tools:** Google Drive, AWS, Figma, Canva, Tableau, Jupyter Notebook, Microsoft 365 ecosystem