# ELIZABETH EFFAH AGYEMANG

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Portfolio: **https://rookieadventurer.github.io/Elizabeth-s-Portfolio.github.io/**

## EDUCATION

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| **Ashesi University** | **Berekuso, Eastern Region** |
| **BSc. Management Information Systems** | **Expected Date of Graduation: June 2025** |

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| **Ghana Christian Int. High School** | |
| **Dodowa, Accra General Arts (*WASSCE)** | **Sept 2019 – Oct 2021** |

## ACHIEVEMENTS/AWARDS

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| **The ALX AiCE Certificate** | **May – Jun 2024** |
| **\*Dean's List Honors**, Ashesi University | **2024 - 2025** |

## WORK EXPERIENCE

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| **Sewerage Ghana Systems Ltd –** James Town, Accra | **Aug – Sept 2024** |

**Data Analyst Intern**
- 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%.

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| **Wagyingo Enterprise –** Kantamanto, Accra | **June – Aug 2023** |

**Marketing Intern**
- 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

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| **Property Rentals –Ashesi, Berekuso** | **Sept – Dec 2024** |

**Ecommerce Project - eCommerce Course**
- 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.

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| **Cybersecurity Project for SMEs –** Ashesi University | **Jun 2024 – present** |

**Researcher**
- 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

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| **Ashesi University,** Ashesi CCAPS Team | **Dec 2022 – present** |

**Peer Coach**
- 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.

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| **Ashesi University,** Investment Club | **Jul 2024 - present** |

**Secretary**
- 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:** AWS, Figma, Canva, XAMPP, Tableau, Jupyter Notebook, EC2, Google Drive, Kubernetes, Docker, Microsoft 365 ecosystem