

SETH CHARLES AGYEI-MENSAH

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[My LinkedIn profile](#) | [My Github profile](#)

PROFILE

I am a motivated and enthusiastic Computer Science student at Kwame Nkrumah University of Science and Technology with a solid background in game development and motion detection technologies. I have experience in creating games using Unity and developing motion detection applications with OpenCV. My technical skill set includes programming in Python, C#, C++, Java, and HTML.

In my academic projects, I have demonstrated my ability to work collaboratively in a team environment and solve complex technical problems.

EDUCATION

BSc. Computer Science,

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

Expected November 2027

W.A.S.S.C.E(General Science)

Akosombo International School, Akosombo, Ghana

March 2021 – September 2023

WORK EXPERIENCE

Intern, Enterprise Computing Limited (ECL), Tema, Accra

April 2025 - May 2025

- Junior Full Stack Developer
- Tech Assistant

Technical Assistant, UK Chemicals Company LTD, Kumasi, Ghana

January 2019 - September 2023

- Escalated equipment repair issues and source parts required to restore function
- Promoted value for money through responsible procurement and cost saving measures
- Design excels spread sheets to capture and display data
- Updated Computer Systems with issues and maintenance logs for accurate reporting

Sales Associate, Boscov's Department Store, Woodbridge, New Jersey

- Greeted customers entering the store and responded promptly to customer needs.
- Welcomed customers and helped determine their needs.
- Worked flexible schedule and extra shifts to meet business needs.
- Operated cash register for cash, check, and credit card transactions with

PROJECTS/RESEARCH EXPERIENCES

• Motion Detection

Mar 2025 - April 2025

I have actively engaged in a variety of personal and academic projects that demonstrate my passion for technology and innovation.

Notably, I developed a motion detection security system using Python and OpenCV, which effectively identifies and tracks movement within a monitored area using vector Projection

• Game Development

Nov 2024- Jan 2025

In addition, I designed and built an interactive maze-solving game using the Godot game engine, where players must navigate and solve increasingly complex puzzles to achieve victory. This project honed my skills in game design, logic development, and user experience optimization.

• App Development

May 2025- present

I workd with a team to build on a human tracking system project we call Tracker 78, where I am developing a mobile application that enables users to monitor and share real-time location data with friends or family. I'm building the frontend using React Native, the backend with Node.js, and integrating services in Java. This project is sharpening my skills in full-stack development, real-time data handling, and cross-platform mobile design, while also strengthening my problem-solving and collaboration abilities.

- **Software Development**

I built a web application delivery management system using Python and

Django as part of my internship at Enterprise Computing Limited (ECL) based on the concept of streamlining order processing, tracking, and user management for the delivery project.

April 2025- May 2025

LEADERSHIP EXPERIENCE

Presidential Advisor (2022-2023)

Globe Club, Akosombo International School, Akosombo, Ghana

- Served as the main advisor to the club president, offering strategic input on all major decisions impacting the group.
- Took on leadership responsibilities and represented the club in the president's absence.
- Contributed to a project that studied and predicted local rainfall patterns, enabling more informed decisions around environmental care and sustainability.

Presidential Advisor (2022-2023)

ECO Club, Akosombo International School, Akosombo, Ghana

- Provided strategic support and guidance to the club president, actively influencing decisions and initiatives focused on sustainability and environmental conservation.
- Contributed to the national Green Ghana Project, promoting tree planting and environmental awareness within the campus and surrounding communities.
- Led efforts to increase green spaces in court environments by planting and nurturing vegetation, helping to create a healthier, more sustainable ecosystem in our School.
- Championed initiatives to reduce carbon emissions by encouraging walking over car usage, promoting both environmental responsibility and personal health.

Presidential Advisor (2022-2023)

Wild Life Club, Akosombo International School, Akosombo, Ghana

- Led and supported research initiatives focused on the protection of wildlife and the preservation of their natural habitats.
- Promoted awareness on the importance of animal conservation and ecosystem balance through educational outreach and community engagement.

Financial Advisor (2015-2016)

Hockey Club, Akosombo International School, Akosombo, Ghana

- Responsible for managing the association's financial operations, including budgeting, bookkeeping, financial reporting, and ensuring compliance with financial regulations to maintain fiscal integrity and sustainability.
- Oversaw the collection and tracking of membership dues, ensuring accurate records and timely contributions.

VOLUNTARY/EXTRA-CURRICULAR ACTIVITY

- **Study Cult (A study group that I formed)** - Assisted some of my course mates in the tertiary with some courses that found difficulty in with the help of some of the brilliant students.
- Participated in the **Green Ghana Project**, helping plant trees in bare and deforested areas to promote reforestation and environmental sustainability.
- Collaborated with a team to design and implement a proper waste disposal system that separates plastic from general waste, enhancing recycling efforts.
- Actively engaged in community clean-up and awareness programs aimed at promoting eco-friendly habits and environmental responsibility.

SKILLS AND ABILITIES

- Proficient in the use of computer software like MS Suites
- Programming languages: Java Programming, C#, Python Programming, HTML, CSS
- Frameworks: Python Django Framework, React Native framework
- Databases: Database Management with My SQL Server
- Motion Detection with Open Cv

- Strong technical and problem-solving skills
- Leadership & Conflict Resolution
- Team Building
- Legal & Policy Interpretation
- Critical Thinking & Ethical Decision-Making
- Proficient in **Visual Studio Code** and **PyCharm** for efficient coding and debugging.
- Skilled in using IDE tools to identify errors, optimize performance, and enhance code quality.
- Experience with **Git & GitHub** for managing code repositories within IDEs.
- Customer Assistance

REFEREES

Eric Ofori
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