

# HARRIET EFFAH

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## Personal Profile

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A dedicated and enthusiastic Computer Engineering student at Kwame Nkrumah University of Science and Technology with strong technical skills in programming and software development. Passionate about solving problems through technology and keen to pursue a career in software engineering.

## Education

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- Kwame Nkrumah University of Science and Technology(KNUST).

Programme: Bsc. Computer Engineering. (Expected Graduation: 2025)

- Relevant coursework: Data Structures, Algorithms, Computer Systems, Software Engineering.

- Holy Child Senior High School.

Programme: General Science. (2017-2020)

- Graduated with honors.

## Certifications

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- **Certificate of Course completion in Java Foundations** from Oracle Academy. (28-02-2024)
- **Huawei Seeds for the Future Certificate of participation and honor** from Huawei. (December 2022)

## Skills & Interests

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Technical skills :

- Programming languages: Python, C++, C, PostgreSQL, MATLAB, HTML/CSS.
- Framework : Flask
- Databases : PostgreSQL

Ongoing project:

- Developing a web-based application to facilitate online shopping using Flask, PostgreSQL, and HTML/CSS. [GitHub](<https://github.com/Harrie01>).

## Experience

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- Work experience :  
**Quality Controller** for diaper factory at Sunda Ghana International, Weija. (August 2021- December 2021).  
Achievements:
  - Monitored production processes to ensure quality standards were met.
  - Conducted inspections and tests to identify product defects.
  - Collaborated with the production team to implement quality improvement measures resulting in increased production and sales.

● Leadership experience :

**Class Representative, Computer Engineering class of 2025** at KNUST (2022- 2024).

Achievements:

- Successfully represented the class for three consecutive years.
- Organized study groups and facilitated effective communication between students and faculty.
- Assisted in coordinating academic and extracurricular activities within the department.
- Led initiatives to improve student welfare and academic support.
- Mediated conflicts and resolved issues between students and faculty.
- Spearheaded a mentorship program connecting senior students with freshmen.

**Deputy Audit Head** for the Association of Computer Engineering Students (2022 - 2024).

Achievements:

- Assisted in conducting internal audits to ensure financial transparency and accountability in the association.
- Contributed to the preparation of semester audit reports presented to the association.
- Helped implement effective audit policies and procedures for programmes held in the association.
- Reviewed financial statements and reports for accuracy and compliance.
- Collaborated with the executive team to improve financial management practices.
- Identified and recommended solutions for financial discrepancies and inefficiencies in the CENG report printing held by the association.

### References

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