# SUMELA AHMAD

## CONTACT

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## EDUCATION

**2021 - 2025**
**UNIVERSITY OF CAPE COAST GHANA**

- Bachelor of Science in Computer Science

## SKILLS

- **Programming Languages:**
  Python, Micro python, C++, Java, HTML, CSS, JavaScript

- **Web Development:** JavaFX, SceneBuilder, IntelliJ

- **Software Tools:** Microsoft Word, Excel, PowerPoint

## LANGUAGES

- English (Fluent)
- Urdu (Fluent)

## PROFILE

As a dedicated and technically skilled Computer Science student at the University of Cape Coast, Ghana, I am poised to graduate in August 2024. I possess a robust foundation in programming languages such as Python, Micro python, C++, Java, HTML, CSS, and JavaScript. With hands-on experience in developing a Point of Sales system, I have demonstrated my ability to contribute effectively to team projects and apply my technical knowledge in practical scenarios. Fluent in both Urdu and English, I am actively seeking internship opportunities to leverage my skills and further my career in the tech industry

## ACADEMIC PROJECTS

### Patupa: Point of Sales System
MAY 2024 - JULY 2024

Project Work

- Collaborated with a team to design and develop a Point of Sales web application using Java and JavaFX.
- Utilized IntelliJ and SceneBuilder to create a user-friendly graphical user interface (GUI).
- Integrated MySQL for database management.
- Contributed to the development of various sections of the app, ensuring functionality and user experience.
- Designed the logo for the application, enhancing the visual identity of the project.

### Smart Health Wearable
JANUARY 2024 - MAY 2024

Project Work

- Developed a wearable IoT device for health monitoring using MicroPython.
- Implemented the device using ESP32 and MAX30100 heart rate sensor.
- Programmed the device to collect and transmit health data, including heart rate, in real-time.
- Ensured accurate data acquisition and transmission to a remote server for monitoring.
- Conducted testing and debugging to ensure the reliability and accuracy of the device.