# Umutoni Uwujinema Ange Ariane

**Kigali, Rwanda | +250780075114 |** [angearianeumutoni@gmail.com](mailto:angearianeumutoni@gmail.com)

[My portfolio](#)

## Objective

Motivated and aspiring software engineer with a strong focus on creating efficient, reliable, and scalable programs that drive organizational success. Skilled in developing user-friendly systems and understanding the software development lifecycle through academic projects and coursework. Eager to learn and adapt easily in dynamic working environments. Seeking a software engineering internship to apply best practices in coding, testing, and maintenance while continuously learning and growing in the field.

## Education

**Adventist University of Central Africa (AUCA), Bachelor of Science**        **2021-2025**

Major: Software Engineering | Minor: Information Technology

**Related Courses:** Data Structures and Algorithms, Object- Oriented Programming, Database Systems, Web Development

**Groupe scolaire st Aloys Rwamagana**        **2019**

A2 Diploma in Physics, Chemistry and Mathematics

## Academic Projects

**Smart Home Monitoring System**

- Implemented dynamic lighting adjustments using ambient light sensors to enhance energy efficiency.
- Engineered a real-time motion detection system with automated security alerts.
- Developed geofencing features to trigger actions based on location data.
- Integrated light, accelerometer, and GPS sensor data for seamless app performance.

**Prisoner Management System**

- Developed a scalable system to optimize inmate supervision and rehabilitation, enhancing resource allocation and health management in correctional facilities.
- Utilized Java and Hibernate for backend development to ensure robust system functionality.
- Designed a responsive user interface using HTML/CSS, JavaScript, and Bootstrap for an improved user experience.
- Managed database operations with PostgreSQL, enabling efficient data storage and retrieval.

## Skills

- **Programming Languages:** Java, Python, JavaScript, C
- **Web Development:** HTML, CSS, React, Node.js, Bootstrap, Thymeleaf
- **Database Management:** MySQL, MongoDB, PostgreSQL
- **Frameworks and Tools:** Spring Boot, Django, Docker, Git, Eclipse, Visual Studio, NetBeans
- **Operating Systems:** Windows, Linux
- **Languages:** English (Fluent), French (Intermediate), Kinyarwanda (Native)