

# Richmond Agyenim-Boateng

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## EDUCATION

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<b>New York University Abu Dhabi</b> <i>Bachelor of Science in Computer Science</i>	2027
<b>Udemy, online</b> <i>Coursework in Full stack Web Development</i>	2023
<b>St. James Senior High School, Ghana</b> <i>General Science ,</i>	2021

## SKILLS

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**Soft Skills:** Leadership, Teamwork, tolerance, Strong Communication, critical thinking, problem solving, event organization

**Technical Skills:** Python, C++, Java Script, Html, CSS, GitHub, Social Media Advertisement, Project Assistantship, Research.

## EXPERIENCE

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**GREEN GOLD COMPANY LTD, Ghana** September, 2022  
*Resource Optimization Specialist*

- Conducted comprehensive analysis of water usage in agriculture and identified inefficiencies in traditional irrigation methods.
- Engineered a budget-friendly automated irrigation system utilizing soil moisture sensors and IoT technology to precisely regulate water delivery, reducing water wastage by 30% and increasing crop yield by 15%.

**LINGUISTICS ARTISANS GUILD GHANA, Ghana** January, 2023  
*Communication and Literary Development Specialist*

- Contributed to the establishment of a non-profit organization dedicated to nurturing literary talents among underprivileged students.
- Crafted and refined official and informal publications, fostering a captivating narrative for the organization's mission.
- Conducted insightful interviews with potential guild members to ensure a vibrant and diverse literary community.

**YOUNG ACHIEVERS FOUNDATION GHANA (YAF GH), Ghana** September, 2023  
*Mentor and Cohort Facilitator*

- Setting learning objectives and activities and providing guidance and support to help participants achieve their goals
- Editing cohort members college application essays

**YOUNG ACHIEVERS FOUNDATION GHANA (YAF GH), Ghana** March, 2023  
*Mathematics Tutor*

- Assisted members in the tutelage of Mathematics to prepare students for the June SAT exams

- Engaged in a dynamic internship program, contributing to projects and solutions in the organization
- Assisted in maintaining web application and help in code reviews and implementations.

**PROJECTS & EXTRACURRICULAR**

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**Personal Portfolio**

**January, 2024**

- Developed a personal portfolio website using HTML, CSS, and JavaScript.
- Designed a user-friendly interface to showcase projects, skills, and experiences.
- Implemented responsive design principles to ensure compatibility across various devices and screen sizes.
- Incorporated interactive elements and animations to enhance user engagement and navigation.

**Hand Made Calculator**

**February, 2024**

- Created a calculator web application using HTML, CSS, and JavaScript.
- Implemented basic arithmetic operations such as addition, subtraction, multiplication, and division.
- Designed a clean and intuitive user interface with buttons for numerical input and operation selection.
- Utilized JavaScript functions to handle user input, perform calculations, and display results dynamically.

**Image Detector**

**February, 2024**

- Developed a user-friendly web application for image detection using modern frontend technologies.
- Implemented HTML, CSS, and JavaScript to create an intuitive user interface for uploading images and displaying detection results.
- Utilized library, TensorFlow.js, to perform real-time object detection directly in the browser.
- Designed interactive features to allow users to interact with detected objects, such as highlighting, resizing, or adding annotations.
- Ensured responsiveness and compatibility across different devices and browsers for seamless user experience.

**Statistical Application**

**March, 2024**

- Created an interactive user interface for data visualization
- Utilized CSS for styling and enhancing the user experience
- Implemented Java Script functionalities for dynamic content and interactivity
- Integrated Google Apps Script to efficiently collect and manage data