

# Joseph Sackitey

(223)-388-9265 | [Email](#) | [Linkedin](#) |  
[Portfolio](#) | [Github](#)

## EDUCATION

### Gettysburg College

*Bachelor's Degree, Computer Science and Physics*

Gettysburg, PA

*May, 2027*

**Relevant Coursework:** Data Structures, FullStack Web Development, Linear Algebra, Object-Oriented Programming, Calculus 1–3

## TECHNICAL SKILLS

- **Languages & Frameworks:** Python, Java, HTML, CSS, JavaScript, Node.js, Express.js, React, C, Bootstrap, SQL, PostgreSQL, APIs, Git Bash

## PROFESSIONAL EXPERIENCE

### Sustainability intern

*Gettysburg College*

May 2024 - August 2024

*Gettysburg, PA*

- Improved and successfully updated information on the Campus Climate Change and Sustainability Website.
- Supported Facilities Services leadership in developing and implementing initiatives directly impacting Gettysburg College's Sustainability Tracking, Assessment and Rating System (STARS) assessment.
- Developed a communication plan for Facilities Services sustainability efforts on campus.

### Engineering intern

*CSIR*

May 2022 - August 2022

*Accra, Ghana*

- Designed interactive web dashboards using Bootstrap, CSS, and JavaScript to visualize drone data and provide actionable insights for farmers.
- Gained hands-on experience with drones and sensors, including setup, configuration, maintenance, and troubleshooting.

## PROJECTS & OUTSIDE EXPERIENCE

### [Simon Game](#) | *HTML, CSS, Javascript, jQuery*

- Developed an interactive Simon game using JavaScript, jQuery, HTML, and CSS, incorporating dynamic gameplay and responsive animations to create an engaging user experience.
- Implemented game logic to track and compare user input against randomly generated patterns, including features like level progression, game restart, and visual/auditory feedback for success or failure.

### [Portfolio Website](#) | *HTML, CSS, Javascript*

- Designed a responsive portfolio website from scratch using HTML, CSS, and JavaScript to showcase personal projects and skills.
- Implemented dynamic features and interactive elements using JavaScript, enhancing user engagement and improving site functionality.

### [A Right Bionic Arm](#) | *Java, Python, Kotlin, C, Android Studio*

- Designed and 3D printed a robotic prosthesis that can be remotely controlled via an Android mobile app through an integrated Bluetooth sensor.
- Engineered each finger for independent articulation, enabling a six-degree range of movements and functions such as gripping and holding objects.

### [AdBlocker](#) | *Javascript, JSON*

- Developed a custom Chrome extension from scratch incorporating Manifest V3 for enhanced security and performance.
- Implemented advanced ad-blocking functionality utilizing the declarativeNetRequest API, creating and deploying a comprehensive set of URL filtering rules to block unwanted ads across multiple domains.

## LEADERSHIP

### [Resident Assistant](#) | *Hanson Hall*

Aug 2024- Present

### [Gburg African Students Association](#) | *Vice President*

May 2024- Present

### [Gettysburg College Society of Physics Students](#) | *Secretary*

May 2024- Present