

Joseph Sackitey

sackiteyjoseph44@gmail.com | <https://www.linkedin.com/in/joseph-sackitey/> |
Portfolio | <https://github.com/Jsackitey1>

EDUCATION

Gettysburg College

Bachelor's Degree, Computer Science

Gettysburg, PA

Expected Graduation: May, 2027

Relevant Coursework: Data Structures, FullStack Web Development, Linear Algebra, Abstract Math //
GPA: 3.78/4.0

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, Java, JavaScript, React.js, Kotlin, HTML/CSS, Material UI, Git

PROFESSIONAL EXPERIENCE

Oyster (Open Source)

Nov 2025 - Present

Contributor

Remote

- Utilize Git and GitHub for version control to contribute to the Oyster open-source project, resolving issues and proposing innovative ideas to improve and enhance the ColorStack website.

Sustainability Intern

May 2024 - August 2024

Gettysburg College

Gettysburg, PA

- Designed and implemented a campus map of water fountain stations to improve accessibility, promote sustainability, and reduce plastic waste by encouraging the use of refillable water bottles.

HeadStarter AI

June 2024 - August 2024

SWE Fellow

Remote

- Built 2 AI apps and APIs using Next.js, OpenAI, Pinecone, and Stripe API that significantly streamlined the development process, and enhanced the overall user engagement.
- Implemented responsive front-end designs using React.js, integrated RESTful APIs with Node.js backend.

PROJECTS & OUTSIDE EXPERIENCE

[Link-library](#) | React.js, Firebase (Authentication, Firestore, Hosting)

- Designed and developed a full-stack application using React.js, Firebase Authentication, and Cloud Firestore, incorporating Google Sign-In, real-time database interactions, protected routes, and features like categorization, tagging, and real-time search for efficient web resource management.
- This application is to help users organize and manage their web resources in one place.

[Bluetooth Controlled Robotic Arm](#) | Python, Kotlin, Arduino

- Engineered a 3D-printed Bluetooth-controlled robotic prosthesis, integrating with an Android app using Java and Kotlin for seamless remote control and sensory feedback via Bluetooth sensors.
- Engineered independently articulated robotic fingers with a six-degree range of motion, enabling advanced functionality for gripping, holding, and manipulating objects using Python and Arduino.

[Twitter Trend Summarizer](#) | React.js, Axios for API requests, Twitter API v2, OpenAI API

- Developed a web app that provides real-time AI-powered summaries of Twitter trends using Twitter API v2 and OpenAI API. Features include fast data fetching, auto-refresh, and a responsive React.js frontend with a Node.js and Express.js backend, ensuring a seamless and mobile-friendly user experience.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Google Developer Student Club

Help to organize workshops and build industry partnerships.

CodePath

Completed a 10-week course with 300+ students, gaining industry-relevant skills and hands-on experience.

Clubs & Athletics (Gettysburg College)

Association of Computing Machinery (ACM), Resident Assistant, African Students Association, CalcAid Tutor, Society of Physics Students.