

# Joseph Sackitey

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Portfolio | <https://github.com/Jsackitey1>

## EDUCATION

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### Gettysburg College

Bachelor's Degree, Computer Science

Gettysburg, PA

Expected Graduation: May, 2027

**Relevant Coursework:** Data Structures, FullStack Web Development, Linear Algebra, Abstract Math

## TECHNICAL SKILLS

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

## PROFESSIONAL EXPERIENCE

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### Oyster (Open Source)

Contributor

Nov 2025 - Present

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

Gettysburg College

May 2024 - August 2024

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

SWE Fellow

June 2024 - August 2024

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.

## PROJECTS & OUTSIDE EXPERIENCE

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

- Engineered a full-stack web resource management application using React.js and Firebase, featuring Google Sign-In, real-time database interactions, and protected routes.
- Implemented advanced features including categorization, tagging, and real-time search, enhancing user efficiency in organizing and accessing web resources.

### [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.

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

- Developed a responsive web app using React.js, Node.js, and Express.js that generates AI-powered summaries of Twitter trends in real-time.

## LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

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### 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.