

Joseph Sackitey

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EDUCATION

Gettysburg College

Bachelor of Science in Computer Science and Physics

Gettysburg, PA

Expected Graduation: May, 2027

Relevant Coursework: Data Structures And Algorithm, Full-Stack Web Development, Linear Algebra, Abstract Math, Principles of Databases, Intro to Computer Networks

TECHNICAL SKILLS

- **Languages& Frameworks:** Python, Java, TypeScript, C#, React.js, Kotlin, Material UI, Git, Mercurial, .NET, Node, Express

PROFESSIONAL EXPERIENCE

Associate Software Developer Intern

Google

May 2025 - August 2025

San Francisco, CA

- Collaborating in the migration of Google Play Games for PC from legacy C++ to C# WebView2 architecture, to improve maintainability, test coverage, and resource usage.

Data For Good

JPMorgan Chase

April 2025

Plano, TX

- Created predictive model for National Education Equity Lab, analyzing school performance data to identify high-impact courses, enabling strategic expansion and improving student outcomes.

Northeast Big Data Innovation Hub

Member

Nov 2024 - Present

Remote

- Collaborated on two open-data initiatives with cross-sector partners, focusing on AI-driven solutions for regional sustainability and education, leading to 10% increase in project impact.

HeadStarter AI

SWE Fellow

June 2024 - August 2024

Remote

- Developed and deployed 2 AI applications with custom APIs using Next.js, OpenAI, Pinecone, and StripeAPI, reducing dev cycles by 5% and boosting user engagement by 15%.

PROJECTS & OUTSIDE EXPERIENCE

[AgroMesh](#)

Arduino, Python, FastAPI, React, Firebase, TensorFlow, ESP32, LoRaWAN

- Leading development of decentralized AI-powered system for smallholder farmers, delivering real-time insights on soil and crop conditions.

[Link-library](#)

React.js, Firebase

- Built full-stack web app with Google Sign-In and real-time Firestore backend; reached 8 active users and improved resource access speed by 20%.
- Implemented tagging, categorization, and search to boost user efficiency and satisfaction by 25%.

[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.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

President, Society of Physics Students: Coordinating 6+ events and establishing mentorship program for 15+ students, resulting in 17% growth in society engagement.

Google Developer Student Club: Led 3+ dev projects, hosted 2 workshops.

CodePath Fellow: Completed 10-week SWE course with 300+ peers, gaining practical engineering experience.

ACM Member: Participated in 2 hackathons, contributed to 3 collaborative coding projects.

2X Resident Assistant: Mentored 24 residents, organized 5+ events, achieving 95% satisfaction.