

Joshua Veasy

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EDUCATION

Howard University

Bachelor of Science in Computer Science

Aug. 2022 – May 2026

Washington, DC

EXPERIENCE

Google Tech Exchange | Software Development Scholar

Google

January 2024 – June 2024

Mountain View, CA

- Developed software solutions using API integration and data analytics, applying Google's best practices.
- Enhanced software engineering skills through hands-on projects and team collaboration.

Morgan State Hackathon

Morgan State University

March 2024

Baltimore, MD

- Led a team in a dynamic 24-hour hackathon, driving the development of innovative solutions for real-world challenges.
- Fostered a collaborative environment by leading brainstorming sessions and code reviews, ensuring effective problem-solving and rapid prototyping.

PROJECTS

Spotsy | *Python, BigQuery, Places API, Gemini API*

July 2024

- Developed a personalized recommendation app using Python, BigQuery, Google Maps API, and Gemini AI.
- Improved query performance by 40% using indexing and optimized database structures in PostgreSQL.
- Leveraged BigQuery and Gemini AI to optimize search functionality, reducing response time and enhancing accuracy.

Album Art Recreation | *p5.js*

November 2024

- Used p5.js to recreate a vibrant, animated album cover, applying graphics programming and digital art techniques.
- Applied creative coding principles to develop interactive digital visuals, enhancing frontend and UI/UX skills.

EXTRACURRICULARS AND AWARDS

CodeHouse Scholar

August 2023 - Current

- Selected to participate in the prestigious CodeHouse Scholar Program at Morehouse College.
- Collaborated with STEM peers to develop tech projects and presentations.
- Received mentorship through coursework, refining my technical and professional skills.
- Expanded my business and networking skills by engaging with industry leaders at Google, Microsoft, and PayPal.

Zillow HBCU Hackathon

October 2022

- Took the helm as the lead developer in a group of four, devising a strategy to enhance accessibility in the real estate domain to younger generations.
- Placed 3rd out of 66 teams, demonstrating strong technical execution and problem-solving skills.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML

Frameworks: React

Developer Tools: Git, Google Cloud(BigQuery), VS Code, AWS