SAMUEL AMOAH SEFA

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Education

Caldwell University, Caldwell, NJ B.S. Computer Science - 3.4 G.P.A Expected Graduation: December 2026 Relevant Coursework: Calculus II, Introduction to Programming I (C++), Applied Computer Science (Python, SQL), Codepath @ Intro to Web Development (HTML, CSS, Figma, & Javascript)

Experience

TMCF The Pitch, Winston-Salem, NC - Finalist May 2024

- • Finalist in The Pitch™ 2024, presenting SerenitySphere, an AI-Based Virtual Companion with Gamification service for veterans and active duty military personnel dealing with PTSD and combat stress.

- • Developed a comprehensive pitch deck showcasing value propositions, target audience, revenue streams, and key partnerships, demonstrating market understanding and innovation.

- • Collaborated with a team of five to conduct user research, and refine the business model, showcasing strong teamwork and strategic relationship-building skills.

National Artificial Intelligence Campus Project, Little Rock, AR - Researcher February 2023-May 2023

- • Practicalized data wrangling, binary classification & regression, and using knowledge to develop a problem statement/hypothesis.

- • Analyzed data sources & datasets and produced visualizations and analytical results for the Legend of Zelda game.

TMCF Metascholars, Remote - Participant February 2023-May 2023

- • Selected out of 150 applicants to engage in an immersive program by TMCF to develop skills and knowledge in the emerging Metaverse ecosystem

- • Received comprehensive training on Metaverse platforms, technologies, and digital experiences, enabling effective navigation and utilization within the decentralized digital landscape.

- • Explored concepts such as cryptonomics and tokenomics, gaining insights into blockchain technology, cryptocurrencies, and decentralized economies in the Metaverse.

FIFA Pro Gamer: competed in various tournaments, local and online. Got to the last 16 in the just ended ECAC InterSchools Tournament in the USA

Participated in Caldwell University's first hackathon to enhance problem solving skills and gain exposure to diverse technology stacks.

HBCU First, New York, NY- First Year Intern May 2023 - July 2023

- • Chosen from over 300 applicants to participate in career-building workshops hosted by Fortune 500 companies, including U.S. Bank, Tiffany & Co., and 3M.

- • Developed practical skills such as networking, navigating technical careers, and building a professional online presence.

PROJECTS Code Clash 2023: Organized a seminar with a couple of friends and had an American Express Software Engineer(Delerowsa Obuobi) on Caldwell University Campus.

Participated in a web development challenge, showcasing proficiency in HTML, CSS, and JavaScript. Collaborated with teammates to design and implement an innovative web solution, earning positive feedback from judges.

YouTube Clone September 2024

- • Worked in a team of 4 to develop a fully responsive clone of the YouTube website using HTML/CSS.

- • Used important CSS features like flexboxes and media queries to implement the project

- • Debugged code effectively using VS Code debugging tools and Chrome Dev tools

Organizations: National Society of Black Engineers (NSBE), Google Student Developer Club (GDSC), International Student Organization, Computer Science Organization, Rewriting the Code

Honors/Awards: President's List, Honors Student, Caldwell University Tuition Scholarship