

JOSEPH BOADI

Bluefield, West Virginia

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Education

Bluefield State University

Bachelor of Science in Computer Science

GPA: 4.0/4.0

Aug. 2022 – May 2026

Bluefield, West Virginia

Relevant Coursework

- Object-Oriented Programming(C++)
- Web Programming
- Discrete Mathematics
- Calculus I and II
- Data Structures
- Intro to Linux/UNIX
- Computer Architecture
- Statistics

Experience

Bluefield State Computer Services

Project Success Intern

February 2023 – Present

Bluefield, West Virginia

- Engineered and executed a finely tuned ticketing system leveraging JIRA, driving a substantial 40% surge in issue resolution efficiency.
- Led deployment of advanced computer labs using VMware vSphere and Ansible, fostering a high-performance environment for optimized user interaction and operational efficiency.
- Resolved over 200 intricate technical issues for faculty and staff over summer, utilizing advanced diagnostics and systematic troubleshooting for seamless operations

BSU Academic Success Center

Computer Programming and Calculus Tutor

September 2022 – February 2023

Bluefield, West Virginia

- Mentored 10 students, catalyzing a 25% boost in their class averages by enhancing their grasp of calculus and computer programming fundamentals
- Engineered a comprehensive monthly report tracking system utilizing Microsoft Word and Excel, leading to a notable 30% enhancement in production efficiency.

Projects

Kroger ZHZW Innovation Challenge 2023 | *AI, product design, teamwork, problem-solving, presentation* **October 2023**

- Designed and developed a prototype of an AI-powered app to provide underserved communities with healthy and nutritious food.
- Designed the presentation deck and helped teammates with their presentation scripts.
- Led team to 3rd place in the highly competitive competition, winning \$6250.00

Open Source Contributions to Amazon Clone Project | *ReactJs, Firebase, GitHub*

August 2023

- Improved the overall user experience by reducing the login time by 20%.
- Resolved 10 GitHub issues, including bug fixes responsive design improvements to enhance the mobile user experience

Red Ball Pizza Survey Form | *HTML5/CSS3, JavaScript*

September 2023

- Developed a customer feedback web application using HTML/CSS and JavaScript.
- Designed and implemented an intuitive UI using HTML and CSS, ensuring a seamless user experience for customers on all devices.

Technical Skills

Languages: Python, C++, HTML/CSS, JavaScript, SQL,

Developer Tools: Google Suite, Excel, Tableau, Visual Studio, Android Studio

Technologies/Frameworks: Linux, Git, React, FireBase

Leadership / Extracurricular

STEM Camp Coordinator

Emerging Scholars Academy

Summer 2023

Bluefield State Univ.

- * Organized and led a STEM camp for 20 high school students, teaching them robotics, software programming, and drone assembly.

Communities: Codepath, ColorStack, Tech Equity Collective, Computer Society