BRIGHT OMARI OWUSU

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EDUCATION

Grambling State University — Grambling, LA, USA
Bachelor of Science in Cybersecurity Defense Strategy/Policy (Expected May 2028)
Relevant Coursework: Data Structures and Algorithms, Fundamentals of Cybersecurity, Operating Systems, Object Oriented Programming, Computer Systems & Network

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, TypeScript
Tools/Technology: Git/GitHub, Replit, Firebase, RESTFUL APIs, Netlify, React, Tailwind
Skills: UI/UX Design, API Integration, Project Management, Vulnerability Assessment

EXPERIENCE

Junior Intern — Citizens Bank, Nsawam   *Jan 2024 – Mar 2024*
- Assisted the Chief Information Security Officer (CISO) in maintaining and strengthening the organization's security posture, contributing to vulnerability assessments and incident reporting.
- Identified, tested, and reported vulnerabilities on internal banking platforms to mitigate cyber risks.

Assistant Tutor & Online Coordinator —IT Team, MIGY Consult   *Feb 2023 – May 2023*
- Assisted in troubleshooting technical issues for students, providing step-by-step guidance and enhancing their understanding of IT concepts.
- Collaborated with IT team members to identify and implement improvements to the tutoring platform.

IT Support Volunteer — National Health Insurance Scheme   *Nov 2022 – Feb 2023*
- Supported staff in gathering and inputting and managing detailed client information within a secure database, ensuring accuracy and confidentiality
- Collaborated with the IT team to design and develop a user-friendly website for efficient client data logging and management.

PROJECTS

Pomodoro Play — JavaScript, JSON, Chrome APIs   GitHub: Pomodoro
- Designed and implemented a Chrome extension leveraging the Pomodoro Technique, integrating timers, ambient music, and mini-games to create an engaging work-break balance.
- Enhanced functionality by incorporating features like tab tracking, video bookmarking, to-do lists, and reminders, offering a comprehensive tool to improve productivity and study efficiency

Website Vulnerability Scanner — Python, Asyncio, Gemini API   GitHub: WVS-scanner
- Built a Python-based scanner by implementing asynchronous programming that detects and reports vulnerabilities in websites.
- Utilized Google Gemini API to translate vulnerability report into simple English language for users.

Church Website — React, Tailwind, Node.js, Netlify   GitHub: My Church
- Designed and deployed a dynamic website for a local church to improve its digital presence and community engagement
- Implemented responsive design principles to ensure seamless user experience across devices.

CAMPUS INVOLVEMENT

Tech Other Side Research Team   Jan 2025 – Present
- Contributed to research on developing a remote employee monitoring solution that balances legal, well-being, and productivity needs for both employees and employers.

ColorStack Grambling   Jan 2025 – Present