OWUSU BRIGHT OMARI

GitHub | LinkedIn | Work Email | Portfolio | Personal Email

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++, Javascript, React, Tailwind CSS
Tools: Git/GitHub, VS Code, Replit IDE, Firebase, RESTful APIs, Netlify
Skills: UI/UX Design, API Integration, Vulnerability Assessment

EXPERIENCE

Cybersecurity 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.
- Supported data encryption and integrity tasks, helping safeguard sensitive customer information and maintain compliance with security standards.
- 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*
- Coordinated and facilitated online learning sessions while contributing to backend API development, ensuring efficient server-side functionality and integration.
- Worked collaboratively with a cross-functional team of 5 developers to build and optimize backend APIs, ensuring seamless integration with frontend components.

PROJECTS   View All Projects

Visa Slot Notifier Extension — Chrome Extension   GitHub: VSN Extension
JavaScript, JSON, Chrome APIs
- Created a Chrome extension used by 10+ users to secure timely visa appointments.
- Integrated real-time data fetching from external APIs to deliver up-to-date information, improving user decision making and efficiency.

Church Website — Web Development   GitHub: My Church
JavaScript, React, Tailwind, Netlify
- 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.

Website Vulnerability Scanner — Cybersecurity Tool   GitHub: WVS-scanner
Python, Asyncio
- Built a Python-based scanner to detect SQL injection, XSS, missing security headers, and directory listing vulnerabilities, enhancing web security.
- Utilized asynchronous programming to scan multiple URLs concurrently, improving efficiency and scalability.

CAMPUS INVOLVEMENT

Tech Other Side Research Team: Fall 2024 – Present
ColorStack Grambling Division: Spring 2025 - Present