

BRIGHT OMARI OWUSU

[GitHub](#) | [LinkedIn](#) | owusuomaribright@gmail.com | [Portfolio](#) | +13183946621

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, Discrete Structures

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, TypeScript, Java

Tools/Technology: Git/GitHub, Replit, Firebase, RESTFUL APIs, Netlify, React, TailwindCSS, Figma

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.

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, AI

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.

Research Team Portal — HTML, JavaScript, Firebase

GitHub: Research

- Built a centralized platform with Firebase authentication to streamline research collaboration and secure team access.
- Integrated task-sharing, real-time updates, and dynamic content sharing for efficient workflow management.

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