

## BRIGHT OMARI OWUSU

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### EDUCATION

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**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

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**Languages:** Python, C++, Javascript, React, Tailwind CSS

**Tools:** Git/GitHub, VS Code, Replit IDE, Firebase, RESTful APIs, Netlify, Vite

**Skills:** UI/UX Design, API Integration, Vulnerability Assessment

### EXPERIENCE Cybersecurity

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**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.
- 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

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[View All Projects](#)

**Pomodoro Play — Chrome Extension Development**

GitHub: [Pomodoro](#)

HTML/CSS, JavaScript, JSON, APIs

- Integrated the Pomodoro Technique with mini-games like Snake, 2048, Tic Tac Toe, and Rock Paper Scissors for productive and enjoyable breaks.
- Implemented customizable timers, pause/resume functionality, visual progress tracking, and ensured accessibility using modern web technologies and Chrome Extension APIs.

**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

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**Tech Other Side Research Team:** Fall 2024 – Present

**ColorStack Grambling Division:** Spring 2025 – Present