

UZOMA OKEY-ANYANWU

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EDUCATION

Grambling State University

Grambling, LA

Bachelor of Science: Computer Science

Expected Graduation: May 2028

Relevant Coursework: Intro to Computer Science, Foundations of Cybersecurity, Calculus I, Calculus II

Awards & Honors: Presidential Scholarship

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, C.

Frameworks/Tools: Flask, Jupyter Notebook, Git, GitHub, PyCharm, Visual Studio Code

EXPERIENCE

Software Engineering Fellow

Dec 2024- Present

Brilliant Black Minds – Karat

Remote

- Engaged in 10+ mock interviews with industry professionals and refining algorithm explanations.
- Optimized and time complexity analysis based on feedback across diverse algorithmic paradigms.
- Enhanced problem-solving efficiency through structured practice.

PROJECTS

Swimclub Webapp | [GitHub \(In-progress\)](#) | (Python, HTML, CSS, Flask)

- Engineered a web app with performance data visualization tools and improving training strategy.
- Utilized **Flask** to render HTML templates and a Flask session object to store user-specific data across multiple requests.

Pomodoro Timer | [GitHub Repo](#) | (JavaScript, HTML, CSS)

- Developed a Pomodoro timer leveraging JavaScript to implement dynamic countdown functionality.
- Designed an intuitive user interface with HTML and CSS to ensure seamless user experience.

Base Conversion Calculator | [GitHub Repo](#) | (Python)

- Created an efficient base conversion tool in Python, enabling conversion from various bases.
- Implemented logic to write code that converts hexadecimal to decimal and decimal to hexadecimal.

CERTIFICATIONS

Getting Started with Cybersecurity, IBM SkillsBuild

[url](#) | September 2024

IBM Security Zero Trust Principles

[url](#) | October 2024

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Bloomberg | Accelerator Fellow

September 2024

- Worked alongside Bloomberg Engineers to refine code optimization strategies.
- Developed efficient solutions with a focus on utilizing data structures and collaboration.

Grambling State University Notion Hackathon | Coordinator, Secretary

2024-Present

- Organized a hackathon for 100+ students, fostering collaboration and innovation.
- Documented volunteers' feedback and contributions to enhance event planning and execution.

Thurgood Marshall College Fund | TMCF Scholar

2025-Present

- Selected for the **2025 Citi HBCU Exploration Program**, receiving mentorship and career training.

Grambling Women In Technology | Social Media Manager

2025-Present

- Raising awareness of empowering women in tech by promoting workshops and seminars.