Munashe Mukweya

318-690-8862 | munashemukweya2022@gmail.com | https://www.linkedin.com/in/munashe-mukweya/ | https://github.com/Langton49

Education

Grambling State University May 2027

Bachelor of Science in Computer Science, Bachelor of Science in Cybersecurity ***GPA:*** *3.9*

Relevant Coursework: Computer Science I, Computer Science II, Discrete Structures, Data Structures and Algorithms, Calculus 1, Calculus 2, Calculus 3, Information System Threats & Attacks, Intro to Database and Data Security, Software Engineering

Organizations: IBM SkillsBuild Student Ambassador Program, ColorStack, ACM Grambling Chapter

Skills

Languages: C++, Python, Java, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, SQL, C#, Kotlin, Swift

Frameworks/Technologies: React, Next.js, Django, Angular, Bootstrap, Firebase, Linux OS, MySQL, Amazon Web Services, Git, GitHub, MATLAB, QT Creator, Unity, .NET Framework

Certifications & Training: Amazon AWS Academy Cloud Foundations

Experience

Grambling State University Grambling, LA

Student Technology Assistant *Sep. 2024 – Present*

- Resolve technical issues by providing hands-on technical assistance with computers, printers, and installed computer programs such as **Adobe** and **Microsoft Office Suite** to 20+ students per shift.
- Perform regular maintenance on 25+ computers and 3 printers and communicate with team members through **Connecteam**, improving equipment availability and issue resolution rates by 84%.
- Protect computer systems and equipment by explaining and enforcing lab policies through posters and announcements, achieving 100% system and network protection and reducing incidents of misuse by 45%.

Grambling State University Grambling, LA

Undergraduate Research Assistant *Sep. 2024 – Dec. 2024*

- Accelerated research progress by leading experiments and analyzing data on solar cells with wavelength conversion films (for efficient solar energy applications) using **MATLAB** and **Microsoft Excel**, saving the professor 3 hours per week in preparation for a conference presentation.
- Improved research clarity and communication by writing detailed scientific lab reports, which were referenced by a team of 6 research assistants, reducing task repetition and increasing research efficiency by 60%.

Projects

Escape Solstara | *C#, Unity Game Engine, .NET Framework, AWS*

- Independently designed and developed a medieval-themed scavenger hunt game for the AWS Game Builder Challenge, using **AWS GameLift**, **Lambda**, **Unity**, and **C#**, supporting up to 8 multiplayer users per session.
- Increased replayability by implementing dynamic clue generation using the **OpenAI API**, creating no more than 8 unique clues per game session, saving 1 day of development time compared to prewritten clues.

EasyCollab | *React, Next.js, Tailwind CSS*

- Built a collaboration platform using **Next.js** that enables users to create accounts, submit project ideas, and connect with potential collaborators.
- Implemented a recommendation feature using the **OpenAI API** to match users with relevant projects seeking collaborators, enhancing usability and engagement.

Sea Web Browser | *C++, Qt Creator*

- Developed a lightweight web browser using **C++** and **Qt Creator** to create a modern and responsive user interface.
- Leveraged the **Qt framework** to implement core functionalities, including URL navigation, page loading, and custom tabbed browsing for enhanced user experience.