Therese Elvira Mombou Gatsing

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EDUCATION

Washington and Lee University   Lexington, VA
Bachelor of Science, Computer Science Major   May 2027
Cumulative GPA: 3.5/4.0

Relevant Courses: Fundamentals of Programming, Data Structure, Discrete Mathematics, Calculus 2,

Technical Skills: Proficient in C++, Python, HTML, CSS, JavaScript, GitHub, Visual Studio, CodeBlock, Replit
Organization: NASA EED Mentoring Program, Rewriting the Code

PROJECTS

PERSONAL WEBSITE: https://theresegatsing.github.io/portfolio/
Lead Developer
- Increased my LinkedIn profile's engagement by 20% by creating a website portfolio using HTML, JavaScript, and CSS which showcases my technical skills, background, and expertise, and adding the website to my LinkedIn profile
- Improved the accessibility of the portfolio by converting local file URIs to HTTP links to be hosted on GitHub
- Enhanced user experience while interacting with the portfolio by 50% by implementing responsive web design using CSS Media Queries configurations

USER MANAGEMENT SYSTEM: https://replit.com/@tmombougatsing/USER-MANAGEMENT-SYSTEM
Lead Developer
- Developed a customized iteration of one of the widely adopted content management systems for managing user registrations and logins using C++
- Created a structured format to store user data by implementing robust file I/O operations to read from and write to a file
- Enhanced accessibility for users to up to 50% by offering an online demo on Replit which eliminates the need for a compiler to gain access to the system
- Ensured modularity and scalability of the system by applying object-oriented design principles

WORK EXPERIENCE

Washington and Lee University   Lexington, VA

Teacher Assistant   September 2024 - Present

- Assisted students in their Python Lab by offering one-to-one debugging assistance on Data Structure
- Partnered with other teacher assistants during evening office hours to address students' technical questions and challenges across multiple professors' lab sessions

Government Bilingual High School, Computer Science Club   Dschang, Cameroon
President and Teacher Assistant   September 2022 – May 2023

- Founded the first High School's Computer Science club aimed at increasing computer literacy of members by 30%
- Led 15+ hands-on workshops on Microsoft Office applications to enhance the proficiency of 20+ club members with the partnership of the Computer Science department
- Increased engagement rate by 40% and skill proficiency by 30% within six months by developing a learning system that allowed students to learn by completing tasks created by me
- Analyzed over 20 responses from the end-of-year survey to evaluate the club's efficiency and students' willingness to participate in the upcoming year

ADDITIONAL

Languages: Fluent in English and French.
Certifications & Training: Office Specialist in Microsoft Word 2019, Microsoft Excel 2019, Microsoft PowerPoint 2019
Extracurricular Activities: Cybersecurity club, African society, Gaming club, Storage Scholar Brand Ambassador
Honors and Awards: Regional Honor roll best GCE Advanced level 2023 out of 3300+ participants
Interest: Researching and learning new technologies, as demonstrated by the independent mastery of C++, HTML, CSS, and JavaScript