

# Therese Elvira Mombou Gatsing

Lexington, VA | [Linkedin](#) | 540 460 9952 | [tmombougatsing@mail.wlu.edu](mailto:tmombougatsing@mail.wlu.edu)

## EDUCATION

### Washington and Lee University

Bachelor of Science, Computer Science Major  
Cumulative GPA: 3.5/4.0

Lexington, VA  
Expected May 2027

**Extracurricular Activities:** Cybersecurity club, African society, Gaming club, Storage Scholar Brand Ambassador

**Organization:** NASA EED Mentoring Program, Rewriting the Code

## PROJECTS

### PERSONAL WEBSITE

June 2024

#### Lead Developer

- Initiated the creation of a digital portfolio showcasing skills, background, and expertise, which led to a 20% increase in employer engagement.
- Mastered HTML, JavaScript, and CSS to build a user-friendly, non time consuming portfolio website, easily navigable within 5 minutes.
- Hosted portfolio on GitHub, converting local file URIs to HTTP links for enhanced online accessibility and professional presentation.
- Implemented responsive design aimed to boost usability by 50% ensuring a seamless experience across all devices and all screen sizes.
- Completed the project within 14 days with a moderate error rate of 1%, demonstrating creativity, project management, and self-learning skills.
- Live website accessible at <https://theresegatsing.github.io/portfolio/>.

### USER MANAGEMENT SYSTEM

June 2024

#### Lead Developer

- Created a customized iteration of one of the widely adopted content management systems, which powers over 76 million websites.
- Mastered C++ and developed a console-based application for managing user registrations and logins within 14 days.
- Implemented robust file I/O operations to read from and write to a file, creating a structured format to store user data.
- Allowed for easy parsing during file operations and reduced error rate to less than 1%.
- Enhanced accessibility for users to up to 50% by offering an online demo on Replit enabling users to interact with the application directly without downloading a compiler.
- Delivered a comprehensive user management system, applying object-oriented principles to ensure modularity and scalability.
- Online demo accessible at <https://replit.com/@gatsingtherese/User-Management-System#main.cpp>

## WORK EXPERIENCE

### Government Bilingual High School, Computer Science Club President and Teacher Assistant

Dschang, Cameroon  
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 with the partnership of the Computer Science department.
- Conducted weekly workshops and enhanced the software's application proficiency of 20+ club members.
- Developed competitive platforms for students, increasing engagement rate by 40% and a 30% improvement in skill proficiency assessments within six months.
- Created a WhatsApp group for students to discuss concerns thereby ensuring an understanding rate of at least 80%.
- 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

**Technical Skills:** Proficient in C++, Python, HTML, CSS, JavaScript

**Tools:** GitHub, Visual Studio, CodeBlock, Replit

**Languages:** Fluent in English and French.

**Certifications & Training:** Office Specialist in Microsoft Word 2019, Microsoft Excel 2019, Microsoft PowerPoint 2019

**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.