Maxwell Berinyuy Kumbong

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EDUCATION

Swarthmore College   Swarthmore, PA
Bachelor of Science, Computer Science and Economics   *Sept. 2022 - May 2026 (expected)*
- 100% scholarship with a Teaching Assistant role for all semesters.
- **Coursework:** Introduction to Computer Science, Data Structures and Algorithms, Single Variable Calculus,Linear Algebra, Introduction to Economics, Macroeconomics

EXPERIENCE

Teaching Assistant — Computer Science, Swarthmore College   January 2023 - present
- Ran weekly programming lab sessions attended by 10-20 students in Swarthmore's Introductory Computer Science class.
- Mentored students who had computer science questions and presented completed code to peers for reviews.
- Provided feedback to the professors on the performance and progress of students and assisted in debugging students programs.

Hackathon — Haverford Tri-Co, PA, Pennsylvania   November 2022
- Ranked second in initiative project to help improve school website
- In only 2 weeks, underwent rigorous training to learn Javascript and Django .
- Conceptualized and came up with a concept for a performant trading/exchange system for the college to enable students obtain affordable and necessary material.

Accessibility Remediation Speciailist — Swarthmore College   October 2022 - present
- Developed accessible course material for students using HTML and CSS.
- Evaluated the accessibility of institutional course material software, and made necessary recommendations for improvements.

SELECTED PROJECTS

C-TOUR [Code]
- A college tour app to help students navigate throught the collge application process. The app contained features like giving college tours on any campus, enabling users to see posts from people on various campuses, and being able to get directions on how to reach any campus.

Ludo [Code]
- Conceptualizing and implementing the back end code for the board game Ludo and other games like Big Pig.

Document Remediation [Code]
- Developed GUI-based accessibility remediation tool with AI, enabling enhanced document accessibility for individuals with disabilities. Supported analysis and remediation of PDFs, Word docs, and web content. Implemented batch processing for efficient simultaneous remediation, showcasing expertise in accessibility principles and user-friendly tool development.
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SKILLS

- **Technical skills**: C++, python, Django, Javascript, HTML, CSS, Swift
- **Soft skills**: Teamwork, Leadership
- **Languages**: English, French
- **Tools**: Git, GitHub, LaTeX

EXTRACURRICULAR ACTIVITIES

- Actively mentoring underprivileged but very talented high school students in Cameroon to land their dream college through the (Misongi) college access program.
- Working with an NGO,(Green World Association) to promote environmental Justice through small-scale projects, campaigns, and sensitization.
- Playing basketball and instruments(guitar and piano)

LEADERSHIP

Swarthmore College   [2022 - present]
- Led a project to conceptualize, design and develop necessary command line software to serve as a resource for students.
- Administrator of Swarthmore college's programming board in charge of planning and overseeing student activities for more than 1200 students.