Marie Muya

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EDUCATION

Virginia Polytechnic Institute and State University | Blacksburg, VA

B.S. in Computer Science **May 2026**

Relevant Courses: Software Design, Software Design & Data Structures, Discrete Math, Computer Organization

Hoover High School | Hoover, AL

High School Diploma **May 2022**

Achievements: AP Capstone and IB Courses Graduate, Girls Who Code Summer Program Graduate, Commendation of Computer Science from the Governor of Alabama, National Honorable Mention from the National Center for Women & Information Technology

TECHNICAL SKILLS

Programming Languages: Java (Advanced), Python (Advanced), C (Advanced), MatLab (Advanced), JavaScript (Intermediate)
Operating Systems: Windows XP, Linux
Interest: Artificial Intelligence, Human-Computer Interaction, Software Engineering

PROJECTS

Advocacy Website | Personal Project **October 2021**
- Created a website for my computer science volunteer group using **Python** and **JavaScript** for parents and volunteers to navigate and find out what we do.
- Made various pages for people to register their children for our events, find our schedule, and see the team behind the organization.

Joystick Car | Personal Project **January - May 2022**
- Converted a children's ride car to be maneuverable with a joystick using an **Arduino Nano** and **Java** to be donated to a children's rehabilitation center.
- Specifically made to be used as a mobility device for children who are under the required age for a motorized wheelchair.

PROFESSIONAL EXPERIENCE

Organizing Fellow | Student Voice | Remote **August 2021 - May 2022**
- Coordinated diverse community events aimed at bolstering community growth and awareness.
  - Organized events that taught various software disciplines to kids in elementary to high school, including micro:bit and sorting.
- Received comprehensive training to refine organizational skills while fostering community engagement.
- Strengthened public speaking abilities through active engagement with the community.

ORGANIZATIONS

Member | Society of Women Engineers | Virginia Tech **September 2022 - Present**
- Participated in general body meetings featuring professional development presentations by diverse corporate sponsors and social gatherings to cultivate meaningful connections within the SWE community at Virginia Tech.

Member | Association of Women in Computing | Virginia Tech **September 2022 - Present**
- Participated in professional development and social events to network with AWC members and corporate sponsors.
- Volunteered and participated in a female-empowerment hackathon and improved technical experience by working on a database that tracks the price of feminine products at different retailers in **Java**.