SAMUEL ALBANESE

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PROFESSIONAL EXPERIENCE:

In my role as a student, I've acquired hands-on expertise through my involvement in diverse projects with St. Mary's College of Maryland (SMCM) Web Services. This journey has entailed dynamic teamwork alongside peers and faculty to craft software innovations aimed at amplifying operational effectiveness and elevating user satisfaction. Guided by determination and passion to learn and excel in my field, I am prepared to take on new experiences and apply my knowledge to create outstanding results.

EDUCATION:

Bachelor of Science In Computer Science   Anticipated May 2024
Attending St. Mary's College Of Maryland, St. Mary's City, MD

High School Diploma   Graduated 2020
Attended Hereford High School, Hereford, MD

EXPERIENCE:

Computer Science TA, St. Mary's College of Maryland   Spring 2022 - Present
St. Mary's City, MD
  ➢ Assisted in teaching Intro to Computer Science I and Computer Architecture courses
  ➢ Held office hours and hastily replied to emails of students to help them confidently grasp the material
  ➢ Often taught one-on-one during office hours the basics of Java, object-oriented programming, data structures, and algorithms, honing my grasp on the material myself

Web Developer Intern, St. Mary's College of Maryland   Fall 2020 - Fall 2022
St. Mary's City, MD
  ➢ Coordinated with a supervisor on various web page projects to improve the end user experience on the school website https://www.smcm.edu and the SMCM internal website https:/inside.smcm.edu
  ➢ Learned the basic and in-depth operations of MySQL, PHP, HTML, CSS, JavaScript languages along with the administration of the front-end operations of Wordpress and Drupal websites

Event Staff, Merriweather Post Pavilion   Summer 2019 - Summer 2023
Columbia, MD
  ➢ Honed customer service skills and worked as a team to keep event attendees safe and happy in an entertainment environment
  ➢ Worked a different position each day, honing the skills of adaptability and quick learning

Relevant Projects

Stag Lands (https://spalby.dev/stagdemo/index.html), AP CS Principles, Hereford High School
  ➢ For the Create Task of my high school AP test, I implemented JavaScript in code.org's App maker to create a demo of an RPG game framework using only code of my own.

Software Engineering, St. Mary's College of Maryland
  ➢ Collaborated on a team mimicking common software engineering practices to create functional software products for Professor Bob Tracy to appraise as if they were a customer.

Coding Interview Practicum, St. Mary's College of Maryland
  ➢ Repeated course taken over 3 semesters in which Professor Simon Read conducts practical coding interviews for students to demonstrate common algorithms and data structures, knowledge of their implementation, and time complexity for each.