ISRAEL SHOWELL
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PROFESSIONAL SUMMARY: Strong background in computer principles, practices, and systems as well as business operations. Team player who performs at high levels of productivity in fast-paced environments, while consistently meeting and exceeding all deadlines. Strong analytical approach to challenges, possess well-developed written and oral communication skills. Recognized for leadership and problem-solving skills, as well as thoroughness and accuracy. Able to analyze computer needs, develop, and cultivate customer relationships. Collaboration, Leadership, Research, Troubleshooting, Tutoring

EXPERIENCE

University of Maryland Eastern Shore, Princess Anne, MD   **June 2023 – August 2023**
Undergraduate Computer Science Researcher
- Researched Flipped Learning's effects on student retention and engagement in the classroom through case studies.
- Brainstormed and created materials and ideas to apply Flipped Learning and prepared weekly reports that detailed the progress of my research.
- **Tools used:** C++, Word, Visual Studio, Google Scholar, Google Forms
- **Impact:** Developed and implemented curriculum involving Flipped Learning.

University of Maryland Eastern Shore, Princess Anne, MD   **April 2023 – May 2023**
Undergraduate Computer Science Course Accreditation Reviewer

- Worked with a graduate student to download submitted homework, quizzes, labs, and final projects completed by students and organized them into categorical folders.

- Materials were compiled, and given to the instructor via USB, who then submitted the course materials to be reviewed by Academic Affairs.

- **Tools used:** File Explorer/Management, Printer, USBs, Word

- **Impact:** Gathering the necessary materials and documentation for the accreditation process which resulted in a new course within the Computer Science department.

University of Maryland Eastern Shore, Princess Anne, MD   **February 2023 – May 2023**
Undergraduate Computer Science Tutor

- Taught basic/advanced computer science topics with a focus on C++ programming to 40+ students, 20 hours a week for the duration of the Spring semester
- **Tools used:** C++, Python, OpenIDE, XCode, Visual Studio, Visual Studio Code, IBM Mainframe

- **Impact:** Helped students understand computer science topics, assisted with homework projects, and improved tutoring methods based on feedback.

Salisbury University, Salisbury, MD   **June 2022 – August 2022**
National Science Foundation REU Intern

- Analyzed anomalous data using MapReduce and Python in a Linux environment
- **Tools used:** MapReduce, Python, Linux
- **Impact**: Collaborated with colleagues to complete research and data analysis, presented research experience to a scientific audience, and contributed to a research paper.

CERTIFICATIONS: JavaScript, HTML, CSS, and Java.