ISRAEL SHOWELL

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PROFESSIONAL OBJECTIVE & SUMMARY

Senior Computer Science student seeking summer internship opportunities and future full-time roles in software engineering and machine learning/AI.

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 and problems.

EXPERIENCE

2024 AMIE Design Challenge

• Won the 2024 AMIE Design Challenge with the UMES team and our ThermalFocus Bundle!

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.