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, possesses 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 the ThermalFocus Bundle!

University of Maryland Eastern Shore, Princess Anne, MD   **February 2023 – May 2024**

Computer Science Tutor; Paid Undergraduate (2/23 - 5/23) & Volunteer (9/23 - 5/24)

- Transitioned from a paid tutor to a volunteer due to graduate tutor department policy, continuing to support students in mastering computer science.
- Taught advanced topics with a focus on C++ programming, contributing over 20 hours a week in instructional and support activities (Paid).
- Utilized tools such as C++, Python, Visual Studio, and GitHub; enhanced learning experiences by integrating new tools like Eclipse and XCode. (Paid/Volunteer)
- Sustained student understanding of complex topics, aiding with projects and refining tutoring methods based on ongoing feedback. (Paid/Volunteer)

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 the research. Helped develop curriculum involving Flipped Learning.
- Utilized tools such as C++, Word, Visual Studio, Google Scholar, Google Forms

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.
- Utilized tools such as File Explorer/Management, Printer, USBs, Word
- Materials were compiled, and given to the instructor via USB, who then submitted the course materials to be reviewed by Academic Affairs. Efforts resulted in the addition of a new course within the Computer Science department.

Salisbury University, Salisbury, MD   **June 2022 – August 2022**

National Science Foundation REU Intern

- Analyzed anomalous data using MapReduce and Python in a Linux environment
- Utilized tools such as MapReduce, Python, Linux to accomplish this goal.
- 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, Python, and Java.