

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.

EDUCATION

University of Maryland Eastern Shore – Princess Anne, MD;

Bachelor of Science – Computer Science (Major); Business Focus (Concentration); GPA: 3.65;

Expected Grad: December 2024

TECHNOLOGY SUMMARY

Systems: Advanced in Windows, Novice in Linux-Based and Unix-Based Systems, Novice in Relational Database Management Systems

Software: Visual Studio, Visual Studio Code, Python-Shell, Eclipse, R-Studio, Github, Godot, MS Office (Word, PowerBI, Excel, PowerPoint), Notepad++, Windows Power-Shell.

Programming Skills: Experienced in Java, Git, IBM Mainframe, Machine Learning/AI, HTML, CSS, JavaScript, R, COBOL, C, SQL, SQLite, Visual Basic, Github, and COBOL. Advanced in Python, C++, Computer Software installation and configuration, Software Development, Object-Oriented Programming, Front-End and Back-End development

Skills: Experienced in MS Office, Social Media Management, Live-Streaming, Timesheets, Troubleshooting, Video Editing, Leadership, Collaboration, Design Thinking, Problem Solving, Research, Presentation

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

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.

PROJECTS

- Won the 2024 AMIE Design Challenge with the UMES team and our ThermalFocus Bundle!
- We proposed a solution to improve Uber's facial verification for all drivers and especially those of darker skin tones using Near-Infrared technology.
- Used Python libraries to create a facial recognition software that can be trained, validated, and fed new images to label and to develop a web application that allows users to create evaluations;
<https://sisrael.pythonanywhere.com/>
- Used C++ to create a machine learning program that can predict Iris flower types using flower attributes
- Used Github to host website to host an online portfolio linking to several projects and other resumes
<https://israelshowell.github.io/>

CERTIFICATIONS: JavaScript, HTML, CSS, Python, and Java.