

## 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: 3.646;***

**Expected Grad: December 2024**

### TECHNOLOGY SUMMARY

**Systems:** Advanced in Windows, Novice in Linux-Based and Unix-Based Systems, Experienced in Relational Database Management Systems, Firebase/Firestore

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

**Programming Skills:** Experienced in Java, IBM Mainframe, Machine Learning/AI, HTML, CSS, JavaScript, R, C, SQL, SQLite, React, Next.JS, Node.JS, Visual Basic, Github, Git, 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**

**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

### 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; Developed a web application that allows users to create track their inventories; <https://shdev.pythonanywhere.com/>
- Used C++ to create a machine learning program that can predict Iris flower types using flower attributes
- Used Github to host an online portfolio linking to several projects and other resumes

<https://israelshowell.github.io/Landing-Page/>

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