

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.

I possess a strong background in computer principles practices and systems as well as business operations. I am a team player who dedicates himself to performing at high levels of productivity in fast-paced environments, while consistently meeting and exceeding all deadlines. I use strong analytical approaches to solve challenges, and I have been recognized for my leadership and problem-solving skills, as well as thoroughness and accuracy. I am able to analyze computer needs and problems and I possess well-developed written and oral communication skills.

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.