ISRAEL SHOWELL

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Education

University of Maryland Eastern Shore – Princess Anne, MD**;** **Sept 2021 – Dec 2024**
Bachelor of Computer Science (Major); Business Focus (Concentration); **GPA:** 3.646**;**

Technical Skills

Languages: Advanced: Python, C++, HTML/CSS, Javascript; **Experienced:** Java, SQLite, C, R, COBOL
Developer Tools: VS, VS Code, Github, PyCharm, Android Studio, Python/Windows Power-Shell, Eclipse, DBeaver
Technologies/Frameworks: Git, Flask, Windows, SQLite, React, NodeJS, Firebase Database, RDMS, Draw.io, NextJS
Other Skills: Agile, Documentation, MS Office, Object-Oriented Programming, Full-Stack development, Machine Learning/AI, Design Thinking (Won 1st in the 2024 AMIE Competition), Collaboration

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 over 10 hours a week.
- Brainstormed and created materials and ideas to apply Flipped Learning and prepared weekly reports that detailed the progress of the research and helped develop curriculum involving Flipped Learning.
- Utilized tools such as C++, Word, Visual Studio, Google Scholar, Google Forms

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.

Projects

2024 AMIE Design Challenge
• 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 a combination Near-Infrared technology, Python libraries, and React.

Professional Portfolio
• Created a website using hosting services provided by Github to host portfolio and committed changes to repositories hosted on Github; This portfolio links to more information about myself, my skills, experiences, and projects that I built using my aforementioned Technical Skills in combination with additional ones not listed;
https://israelshowell.github.io/Landing-Page/

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

References available upon request