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.

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

Project Experience

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 Near-Infrared technology.

Git/Github
• Created a website using hosting services provided by Github to host my online portfolio and committed changes to repositories hosted on Github; https://israelshowell.github.io/
• Uploaded various projects onto Github via the website and the command line tool Git.

SQL/SQLite
• Used SQL and SQLite to develop, access, and manage a database for a GUI Python login program

Godot
• Used Godot to create a Bullet-Dodge game with sound effects, changing backgrounds, and a HUD

C++
• Created a login software that utilizes a csv file to find a user's information and display it to them
• Used Object-Oriented Programming techniques to develop several small programs such as a banking balance manager
• Created a basic calculator instruction manual for new computer science students to use
• Create a machine learning program that can predict Iris flower types

Python
• Created multiple GUI programs that provide various uses such as QR code generation, login software.
• Created a top-down Alien shooter game using various pre-built and custom Python libraries and Pygame
• Created a facial recognition software that can be trained, validated, and be fed new data to predict and label new images

HTML/CSS/JavaScript
• Developed a mock website that can be accessed through a browser.
http://next-generation.great-site.net/?i=2

CERTIFICATIONS: JavaScript, HTML, CSS, and Java.