

## 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, possess 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, Visual Basic, Github, and COBOL. Advanced in Python, C++, Computer Software installation and configuration

**Skills:** Experienced in MS Office, Social Media Management, Live-Streaming, Timesheets, Troubleshooting, Video Editing, Leadership, Collaboration, Design Thinking, Software Development, 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.

#### 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 classes to create a program that allows a user to add and delete students from a linked list
- Created a basic calculator instruction manual for new computer science students to use
- Used C++ to 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.
- 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.