

Reid Layne

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EDUCATION

Texas Tech University <i>Bachelor of Engineering in Computer Science</i>	Aug. 2022 – May 2026 <i>Lubbock, TX</i>
Maynooth University <i>Object Oriented Programming</i>	July 2024 – June 2024 <i>Maynooth, Ireland</i>

EXPERIENCE

Warehouse Specialist <i>Clear Cube Technology</i>	June 2019 – Aug. 2022 <i>Cedar Park, TX</i>
<ul style="list-style-type: none">• Installed and tested proprietary operating system on zero clients, 50 to 80 per shift.• Tracked inbound freight, and completed the first article of inspection.• Added inventory to the ERP system and produced final acceptance reports.• Built 70 to 100 small form factor computers during a standard shift.	

PROJECTS

D&D Initiative Tracker <i>HTML, JavaScript, CSS, Git</i>	Jan. 2025 – Jan. 2025
<ul style="list-style-type: none">* Designed full website around tracker and storing user input.* Using JavaScript the website will automatically sort each user input in a specific field in descending order at the press of a button.* Created a round-by-round combat system to track each player's turn and what round of combat it is.	
Wanted Poster Web App <i>Python, HTML, Pillows, Flask</i>	Sept. 2024 – Sept. 2024
<ul style="list-style-type: none">* Created Python and HTML scripts for Hackathon HackWestTX.* Completed this project as a solo developer.* The Python script used Flask and pillows to allow user input of images so they can be put onto a wanted poster with a random crime and random bounty.* Used HTML to create a small submission box with a title as the front end of the project.	
Rocket Launch System <i>C++, OOP, Design Patterns</i>	June 2024 – July 2024
<ul style="list-style-type: none">* Implemented various design patterns such as Singleton, Factory, Builder, and Decorator to manage rocket creation and launch features.* Integrated Memento pattern for capturing and restoring flight logs, enhancing the system's robustness.* Designed a Ground Control Facade to manage the complex launch procedures through a simplified interface.* Implemented a translation adapter to handle multilingual flight logs, ensuring global usability.	

TECHNICAL SKILLS

Languages: Intermediate Python, intermediate C/C++/C#, beginner HTML, beginner JavaScript
Developer Tools: Visual Studio, Matlab, Godot, Unity
Libraries: pandas, NumPy, Matplotlib, iostream
Certifications: Autodesk, Photoshop
Computer Skills: Davinci Resolve, Audacity, OBS, 3DS Max, Unity, Godot