

Derrik Pollock

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EDUCATION

Midwestern State University	Wichita Falls TX
Bachelor of Science in Computer Science	August 2023
<ul style="list-style-type: none">• Awards: David & Gail White CS Scholarship, Mustang Mentor Scholarship• Relevant coursework: Object Oriented Programming, Platform Based Game Development, Mobile App Development, Adv. Structures and Algorithms, C# Programming Language, Programming Techniques• Activities: Webmaster for Association for Computing Machinery (Developed and Maintained Website), Programming Club President (Spring 2022), Computer Science <i>Student Mentor</i>	

SKILLS & CERTIFICATIONS

Programming: C++, C#, C, JavaScript, Python, Dart, HTML, CSS, VHDL

Frameworks: .Net, Unity3D, Phaser3, Flutter, React, SFML

Tech: Github, Firebase, PostMan, Android Studio, VSCode, XCode, Remix, Replit, Arduino IDE

RELEVANT EXPERIENCE

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- Geek Squad - Apple Professional Consultation Agent** | Wichita Falls, TX Oct 2020 – Present
- Collaborated in a team environment to develop solutions to technical issues
 - Decreased service turnaround time by 20% by implementing priority queue system with **Flutter**
 - Isolated technical issues through *verbal communication* with clients
- Midwestern State University - Student Mentor** | Wichita Falls, TX June 2022 – Present
- Developed a growth plan for incoming students majoring in computer science
 - Advised *Mentees* on future educational plans and early career development

PROJECTS

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- High Velocity Rocket Stabilization and Recovery - Implementation Engineer** | MSU Research Team
- Developed user interface for Linux-based mobile operating system designed to display rocket launch statistics (flight duration, altitude, velocity, etc.)
 - Improved rocket recovery probability by 40% by implementing decibel level detection for recovery system deployment
 - **Utilized:** Arduino IDE, C++, Firebase
- Astra Avenger - Game Developer** | Solo Project | <https://jaymezz.itch.io/astra-avenger>
- Developed arcade game based on *Space Invaders* live on itch.io
 - Demonstrated knowledge of OOP concepts polymorphism and inheritance
 - Implemented Firebase database management for storing high scores
 - Utilized: Phaser3, HTML5, CSS, JavaScript, Firebase

ADDITIONAL Projects

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- MSU ACM Chapter Website** | <https://cs.msutexas.edu/ACM/>
- Food Truck Tracker - Flutter App using Google Maps API** | github.com/derrk/taco_tracker_app
- Find The Island - .NET Form Application** | https://github.com/derrk/Program4_AD_DP