

# RYAN MATHEWS

Wichita Falls, Texas 76308

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## EDUCATION

**Midwestern State University**, Wichita Falls, TX  
*Bachelor of Science, Computer Science; Minor, Music*  
GPA: 3.6

**Expected Graduation May 2026**

## INTERNSHIP EXPERIENCE

**Park Avenue Church Of Christ**, Denison, TX  
*Intern*

**May 2023 – August 2023**

- Created and taught devotionals.
- Planned and led events, ensuring smooth execution.
- Collaborated with fellow interns and coworkers to achieve organizational goals and enhance teamwork.

## PROJECTS

**NASA SUITS** | Artificial Intelligence, Python

**Current**

- Collaborating on the development of an advanced AI-powered interface for an autonomous rover
- Designing a pathfinding system utilizing the A\* algorithm for efficient navigation
- Implementing real-time data visualization for improved situational awareness
- Developing astronaut-friendly controls to enhance usability and operational efficiency

**Portfolio Hosted w/ Github Pages** | HTML, CSS, JavaScript

**November 2024**

- Developed a website with visually appealing animations and style in HTML, CSS, and JavaScript
- Maintained and updated my projects using git

**MathFlash** | Python, PyQt5

**August 2024**

- Developed an interactive memorization app to assist in learning and retaining Calculus 2 formulas
- Designed a user-friendly interface using PyQt5, focusing on accessibility and engagement
- Created the app as both a learning tool and a project to enhance GUI development skills

## TECHNICAL SKILLS

**Proficient:** C++, Python

**Acquainted:** HTML, CSS, JavaScript, QML, Java

**Developer Tools:** VS Code, NeoVim, Visual Studio, Slack, Github, Git

**Technologies/Frameworks:** Unix Command line, PyQt5

## ACHIEVEMENTS

<b>MSU Dean's List, Recipient</b>	Fall 2024, Spring 2024, Spring 2023
<b>MSU President's List, Recipient</b>	Fall 2022
<b>Finalist Freshman Man of the Year</b>	Fall 2022
<b>Priddy Scholarship Recipient</b>	Spring 2022
<b>Principal Trumpet, Wind Ensemble</b>	Spring 2024, Fall 2023

## ACTIVITIES/ORGANIZATIONS

**MSU Texas Mustangs For Christ**  
*Leadership Team*

**August 2022 – Present**

**MSU Texas Association for Computing Machinery**  
*Member*

**August 2023 – Present**

**MSU Texas Student Ambassador**  
*Member*

**August 2023 – May 2024**