

# Jarrood McGee

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## Education

**Texas Tech University**, Lubbock, TX.  
Currently attending as a sophomore  
College: Whitacre College of Engineering  
Concentration: Computer Science  
GPA: 3.875  
Credit Hours: 54

Coursework  
Data Structures  
Modern Digital System Design  
Engineering Design & Drafting  
Aerospace I  
3D Design

## Relevant Projects

- One mile, one pound payload rocket
  - Designed subsonic rocket using the application of computer programs such as RockSim & aerospace based calculations for the most efficient design.
  - The rocket was shot off in Fredericksburg, TX.
- Robotics competition
  - Created robot to compete in varying activities with changing environments with the ability to change the code and robot hardware itself to fit the need of the course.
  - First place in class/Third in whole competition
- Python culmination project
  - Created a task reminder program with python that would allow the setting of tasks corresponding to the dates and times of these for a visual and auditory reminder of that task when it occurs.
- Prototype project
  - In a competition for the best innovative designs for new products each member of STEM created a new product. The top ten got to lead a team and actually create that. I was a part of those ten and led a group to create a new form of burger presses. These we tested on consumers and 3-D printed.

## Skills

- Team Player & Communicator
  - Coordinated large teams and ensured teams effectiveness and responsibilities were met.
  - Extensive experience presenting designs and products.
- Flexible & Responsible
  - Squad Leader of Debate Team.
  - Experience tailoring work to different clients, judges, and coworkers.
- Design Oriented
  - From computer programs to architecture plans and designs.

## Awards/Accomplishments

- President's/Dean's List
- Student Scholar Award
- Most Dedicated in Debate
- Most Articulate Vocabulary in STEM
- Elected Squad Leader of Debate Team
- OSHA Certified

## Relevant Organizations

- Association of Computing Machinery
- Software Development Club
- Engineers Without Borders
- Alpha Lambda Delta & Phi Eta Sigma
- The Academy of STEM
- Northwest High School Debate Team

## Technical Skills

- C
- Python
- Windows/Linux
- JavaScript
- Solid Works
- RockSim
- Android Development
- Microsoft PowerPoint
- Microsoft Word
- Eclipse/MS Visual Studio
- AutoCAD
- Revit

References and recommendations available upon request