

Research Project Proposal

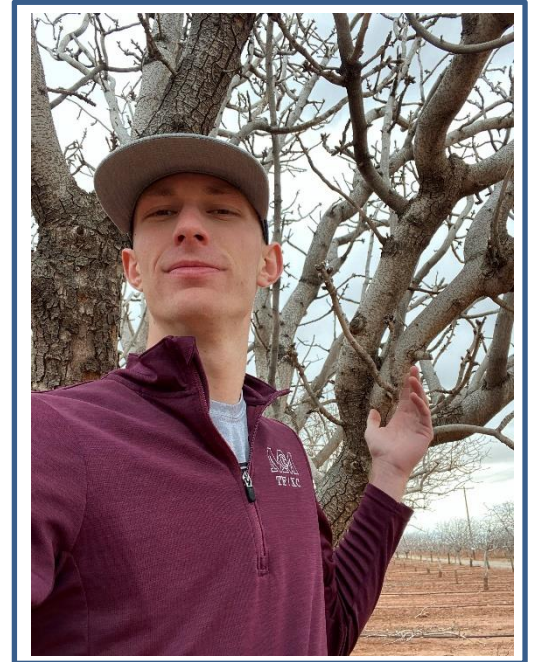
Jacob Williams

- **Major:** Physics
- **Minor:** Mathematics

- **Hometown:** Goldthwaite, TX

- **Activities:**
 - Track and Field
 - Society of Physics Students
 - Chi Omicron

- **Career Goal:** To become an engineer



Project title: Electromagnetic Suspended Bike

Supervising faculty member: Dr. Wayne Keith

Project Abstract:

The goal of this project is to build an electromagnetic bike that uses electromagnetic suspension instead of a physical axil. This, I believe, can be done with the right arrangement of electromagnets, and proper materials. The goal is to work from small to big, that way the project may be scaled up so that a suitable bike can possibly be made in the future.