## Auston Ruth

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EDUCATION Ferris State University Expected 2024 Product Design Engineering

## EXPERIENCE

Ruthless Ideas 1/1/2025 - Current: Owner

- In depth analysis of how product works
- Full product design process
- Multitude of products from multiple categories
- Sharing ideas to inspire engineers

TRC 10/15/2024 - Current: Utility pole design

- Deep understanding of multiple levels of utility poles
- Keep standards of work given to Consumers Energy
- Problem solving and methodical thinking

J-Star Motion 5/2023 - 8/2023: Engineering Intern

- Benching project
  - Worked with two other interns to create a custom bench system for J-star, then presented it to the heads of the departments and the general manager.
- Mounting challenge
  - Redesigned their current mounting products and then presented it to the heads of the departments and the general manager.
- Transfer cart
  - Worked on a palletizing robot which had a broken transfer cart. Fixed that by the end of the summer which allowed the whole system to run all together.

Michigan Referee Committee 3/2015 - 2/2023: Referee

- Maintain a fair, consistent and impartial judgment throughout the competition
- Identify and control unsportsmanlike behavior

C and K Box 5/2022 - 8/2022: General Laborer

- Notched runners
- Built block pallets and crates
- Driven the forklift