

Bennett Reetz

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Education

Major - Bachelors of Science in Mechanical Engineering

Mississippi State University, Starkville, Mississippi.

Minor in Mathematics; Certificate in Energy

May 2026

4.0/4.0 GPA

Work Experience

Robotics Undergraduate Research Assistantship, Bagley College of Engineering, Mississippi State, MS.

May 2025 - July 2025

Designed a new control system for robots with drastically improved human interaction.

- Created python code implementing cameras, AI, and voice commands with the robot
- Evaluated the script's accuracy to 98% successful completion of randomized tasks
- Programmed robot arm to load unmachined stock in 5-axis CNC and start machining
- Presented my findings at Mississippi State's Undergraduate Research Symposium
- Began process of publishing research results in a conference with my instructor

Mechanical Engineering Intern, Tobyhanna Army Depot, Tobyhanna, PA.

June 2024 - July 2024

Observed mechanical engineers to learn and perform engineering overhaul processes

- Created and modified production routes for overhaul and fabrication with CAMS
- Collaborated with work leads and project management to meet customer requests
- Studied technical documents to ensure products met required specifications
- Analyzed potential cost-effective solutions for orders that were behind schedule
- Performed quality checks on fabricated hardware and overhauled assets
- Gained familiarity with Lean Six Sigma process improvement procedures
- Generated models and technical drawings using Creo
- Resolved conflicts between personnel and departments regarding technical issues

Skills

- CSWP Solidworks Certified
- Additional CAD: Creo & Fusion
- Python and Jupyter Notebook
- CNC Machining
- Additive Manufacturing
- Microsoft Office 365
- Cross-functional team collaboration
- Teamwork and Leadership
- Automotive Repair and Maintenance
- Technical Writing

Honors/Activities

- Eagle Scout with three Eagle Palms
- Tau Beta Pi Honor Society
- Shackouls Honors College
- Mississippi State's President's List
- Composite Score of 35 on ACT
- MSU Marching Band Squad Leader
- Baptist Student Union Leader
- Community Service