

# Jared Henderson

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## EDUCATION

**The University of Texas at Austin**, Austin, TX

May 2026

*Bachelor of Petroleum Engineering*

**GPA:** 3.24/4.00

**Relevant Coursework:** Drilling and Well Completions | Transport Phenomena in Geosystems | Properties of Petroleum Fluids | Numerical Methods and Programming | Thermodynamics and phase behavior

## EXPERIENCE

**Texas Invention Works**, Austin, TX

December 2022 - August 2024

*Student Technician*

- Gained proficiency in various forms of rapid prototyping through training and personal experimentation
- Lead training in the usage of FDM printers, laser cutters, and other forms of rapid prototyping
- Perform maintenance and calibration on various machines
- Advise students on academic, research, and personal projects
- Skills used: FDM, SLA, Laser cutting, manual milling and lathing

**Pizza Press**, Austin, TX

June 2022 - Present

*Shift lead*

- Organized and led shifts
- Skills used: leadership, conflict resolution

## Activities

**AADE member:** 2022 - Present

**UT SPE member:** 2022 - Present

### **Eagle Scout Project:**

- Designed plans for a permanent Gaga pit in a public park
- Led 16 volunteers through 234 man-hours
- Worked with city council to obtain zoning permit and other required paperwork
- Raised \$1,250 from various sources along with donations of tools and lumber
- Gained experience using many forms of power tools including table saws, drills, and other woodworking tools

### **Lathe Machining Project:**

- Learned techniques for usage of manual lathe in the process of making multiple rings
- Gained experience machining multiple materials
- Used an iterative design process experimenting with different shapes and sizes making rings on FDM printers and out of aluminum before settling on a final design to make out of 304 stainless steel.

## SKILLS

**Hardware Skills:** Manual milling, manual lathe, FDM, SLA, SLS, laser cutting

**Software Skills:** PVTsim Nova, Python, Excel, Autodesk Fusion 360

## HONORS AND AWARDS

- Eagle Scout
- Vigil Honor