

# Matthew J. Furdyk

(360)-961-5481 | [mfurdyk59@gmail.com](mailto:mfurdyk59@gmail.com) | [matthewfurdyk.com](http://matthewfurdyk.com)

Bozeman MT 59715 | 1811 S Rouse Ave.

## EXPERIENCE

**Brooks Manufacturing, Bellingham, WA- Mechanical Engineer Intern** June 2023- August 2023

- Professionally 3D and 2D modeled necessary project parts for laser cutting
- Designed motorized chain way and roller conveyor systems for automatic wood load bander
- Specced out and designed innovative spring loaded safety gate for employees
- Dealt with international companies for necessary parts
- Worked directly with contractors on all projects
- Worked directly with employees to improve processes and efficiency using problem solving skills

**Brooks Manufacturing, Bellingham, WA- Mechanical/Sales Engineer Intern** June 2024- August 2024

- Professionally 3D and 2D modeled necessary project parts for casting and laser cutting
- Helped develop innovative designs and casting models for research and development team
- Performed finite element analyses and stress analyses on developed designs
- Worked directly with operators/employees to improve on-site experience

## EDUCATION

**Montana State University, Bozeman, MT** Expected Graduation Date- May 2025

- Undergraduate in Bachelor of Science Mechanical Engineering Program
- Intend to obtain a minor in Aerospace Engineering
- Track & Field Athlete
- 3.46 GPA
- Recipient of WUE Academic Scholarship and Track Athletic Scholarship

## SKILLS

- Professional 3D modeling in Fusion360 and SolidWorks
- Experience using MATLAB for system analysis
- Experience with metal casting, metal forming, plastic injection molding, and milling •
- Experience with material stress analysis and deformation
- Basic appliance repair and maintenance

## **PROFESSIONAL REFERENCES**

Bryan Silves – Plant Manager for Brooks Manufacturing

Contact info: [bsilves@brooksmfg.com](mailto:bsilves@brooksmfg.com) | (360) 733-1700 ext. 333

Shannon Terrell - President/CEO of Brooks Manufacturing

Contact Info: [sterrell@brooksmfg.com](mailto:sterrell@brooksmfg.com) | (360) 733.1700 ext.328

Evan Hull - Technical Sales/Lead Engineer for Brooks Manufacturing

Contact Info: [ehull@brooksmfg.com](mailto:ehull@brooksmfg.com) | (360) 733-1700 ext.383