

Jackson McCool

JacksonMcCool.com

Contact

Golden CO
303-621-4395
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Education

B.S. May 2026
GPA 3.027
Diploma May 2022

Certifications

Solidworks Associate (CSWA)
Solidworks Professional (CSWP)
Solidworks Surfaces (CSWPA-SU)
Autodesk Inventor
Autodesk Revit (Architecture)
Adobe Photoshop

Skills

Public Speaking
Technical Writing
Creativity
Problem Solving
Project Management

Activates

Mines Juggling Club
Mines Bowling Club

Mines Kayak Club
Mines Electronics Enthusiasts Club
Colorado School of Mines AIAA

Summary

Colorado School of Mines – Golden, CO
Major: Mechanical Engineering – Aerospace Track
Centaurus High School – Lafayette, CO

Employment & Internships

Coal Creek Bowling • Responsibilities included kitchen, front desk, and maintenance on pinsetters • *March 2021 – Present | Employment*

Vermont Mountaineers Baseball – Broadcasting & Stats •

Produced and ran cameras for public NECBL broadcasts •
Managed Synergy stat cameras • Managed pitch speed radar •
June 2023 – August 2023 | Internship

Projects

Ace Mentor Project of America – Design Competition 2020

- Worked in a team to design a tiny home
- Modeling done in Autodesk Revit
- Presented in online presentation – awarded 1st

Unmanned Crop Duster

- High school senior design project
- Modeled & Simulated using Solidworks
- Presented in regional science fair – awarded 3rd in engineering category

Lithium-Ion Battery Transport System

- Designed in a team to design battery freezing system
- Modeled system in Solidworks – included technical paper

Aluminum Derby Car

- Managed a team that worked to design and build an aluminum derby car
- Modeled in Solidworks – CNC programming done in HSM Works

Volunteering & Community Involvement

Louisville Community Food Bank
Jeffco Open Space
Vermont Mountaineers
- Grounds Crew
Town of Superior Events
- 4th of July Parade floats – 2009-2023