

ELIJAH W. SMITH

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Education:

Colorado School of Mines

Bachelor of Science in **Mechanical Engineering** | Expected Graduation: May 2028

GPA: 3.53

Technical Experience:

Subculture Cyclery - Salida, Colorado

Service Mechanic/Rental Operations | Apr 2022 – Aug 2025

- Repaired and maintained a wide range of bicycles, diagnosing complex mechanical issues.
- Gained strong mechanical troubleshooting experience transferable to automotive and mechanical systems.
- Provided customer-facing technical support and trained new rental staff.

Rocky Mountain Cylinder Heads - Poncha Springs, Colorado

Basic Machinist | Jan 2024 – Aug 2025

- Operated precision machining tools including honing, valve grinding, assembly, and disassembly.
- Applied tolerances in machining projects to ensure accuracy and quality.
- Advanced from intern to machinist role through demonstrated technical skills and reliability.

Currents Restaurant - Salida, Colorado

Host/Busser | Apr 2021 – Sep 2021

- Coordinated customer seating in a fast-paced environment, improving efficiency of operations.
 - Strengthened leadership and communication skills while assisting in team-based tasks.
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Activities:

Mines Rocket Club - Aug 2025 – Present

- Building and launching rockets; pursuing Level 1 and Level 2 certifications.

Mines Club Cycling - Aug 2024 – Present

- Competing in downhill and dual slalom mountain bike racing.

Club Freeride Ski Team - Nov 2024 – Present

- Plan to participate in competitive freeride skiing events.

Salida High School Cycling – Aug 2020 – Oct 2023

- Team Captain; organized fundraising, volunteer trail work, and led team events.
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Skills:

- **Engineering Tools:** SolidWorks (CSWA Certified), basic machining operations (honing, milling, grinding, assembly/disassembly), basic forced induction engine systems operations.

- **Mechanical Knowledge:** Automotive mechanics, bicycle mechanics, general mechanical troubleshooting.

- **Professional Skills:** Leadership, teamwork, communication, problem-solving, attention to detail.

References Available Upon Request