

LUCAS WILSON

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Experienced mechanical engineer with a background in automotive product design, hands-on fabrication, and shop engineering. Proven ability to coordinate cross-functional projects, lead technical teams, and work across manufacturing environments ranging from clean rooms to fabrication shops. Advanced CAD skills and a strong foundation in sourcing, diagnostics, and vendor management.

EXPERIENCE

Campos EPC – Denver, CO

Mechanical / Shop Engineer / Apr 2025 - Present

- Support oil & gas pipeline projects by reviewing fabrication drawings, piping layouts, and BOMs in CADWorx for accuracy and constructability
- Inspect welds and incoming materials against project specifications and MTRs, working closely with the QC team to ensure compliance
- Coordinate with vendors to source specialized components, manage traceability, and streamline material handling in the fabrication workflow

Dorman Products Colmar, PA

Mechanical Engineer I June 2023 - Current

- Resourced existing aftermarket automotive products to new manufacturers
- Identified and evaluated potential manufacturers in growth region countries
- Ensured compliance with industry standards and regulatory requirements
- Coordinated with cross-functional teams to ensure smooth transitions

Extreme UltraViolet Tech (EUVTech) Martinez, CA

Engineering Intern July 10 - Aug 14, 2022

- Assisted in manufacturing and assembly of high vacuum components
- Extensive work in clean room environment
- Significant machining work with mill and lathe

House of Motorrad Boulder, CO

Mechanic May 2021 - July 2022

Lead Mechanic Aug 2022 - June 2023

- Managed motorcycle rentals and trained staff
- Implemented a new inventory system, increasing part availability and decreasing downtime
- Specialized in motorcycle diagnostics, repair, maintenance and custom modification

EDUCATION

University of Colorado Boulder Boulder, CO

Bachelor's of Science May 2023

- Major in Creative Technology and Design in the College of Engineering & Applied Science

SKILLS

Technical

- Advanced skill in Solidworks and Fusion360, with experience in 3D printing and completion of the Solidworks CSWA certificate
- Knowledge of manufacturing processes including injection molding, forging, casting and CNC machining
- Experienced with Microsoft Excel, Word, Powerpoint, Outlook, Onenote, Linux and PC

Personal

- Efficient and creative problem-solver
- Consistently completes projects ahead of schedule
- Project management and people leadership
- Excels in customer service and external vendor relations