
Valerie Lane

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Summary

Skilled mechanic and machine operator with relevant experience in automotive repair and maintenance. Strengths include problem-solving abilities, strong knowledge of mechanical systems, and proficiency in using diagnostic equipment. Notable contributions include improving workflow efficiency and ensuring high standards of safety and quality control in previous roles.

Experience

Hobby - Ringmaker & Silversmith

01/2022 - Current

- Machined ring blanks on metal lathe with precision, casted metal ring blanks/stock using a forge, and worked extensively with diverse materials including copper, aluminum, steel, titanium, zirconium, tungsten, inconel, and carbon fiber.

VaporTech - Machine Operator & Shift Lead

03/2024 - 08/2024

Louisville, CO

- Oversaw the operation, troubleshooting, and maintenance of physical vapor deposition machines
- Additionally oversaw a small team to ensure quotas are met, parts meet required specifications, machines are running, and routine maintenance is completed.

Stephen's Farm & Ranch - Maintenance Technician

07/2021 - 06/2023

Grain Valley, MO

- Completed routine maintenance on various farm equipment such as tractors and trucks, troubleshooting problems, and repairing as needed
 - Additionally helped to build various vehicles, assembling parts for a scratch build of a 1940 Ford Sedan Delivery.
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References

References available upon request.

Skills

- CAD programs (CATIA, Fusion 360)
 - Manufacturing experience (metal lathe, mill, 3D printing)
 - GD&T knowledge
 - Ability to read blueprints
 - Problem solving
 - Communication skills
 - Love of learning
 - Multitasking
 - Quality Assurance
 - Google Suite
 - Microsoft Office Suite
 - Safety awareness
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Education

01/2021

Grain Valley High School

- ACT: 33
- Relevant Coursework: Principles of Engineering, Digital Electronics, Engineering Design & Development, Robotics, AP Calculus, Computer Science
- Rank: 10 of 348
- GPA: 4.5 (Weighted) or 3.9 (Unweighted)