

# Olin Wanek

## **Manufacturing Engineering Technician**

Denver, CO

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A challenging position with opportunities for growth, in a dynamic environment.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## Work Experience

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### **Maintenance Engineering Contractor**

Skillworks, LLC. - United States

May 2022 to Present

- Troubleshoot and maintain complex electrical systems ranging from 480v-12v.
- Monitor and repair HVAC systems controlling several separate zones.
- Diagnose mechanical problems and make repairs to optimize output, eliminate quality errors, and prevent unnecessary waste.
- Diagnose and install PLCs, VFDs, servos, AC and DC motors, motor amplifiers and controllers.
- Design fixtures for part verification, electrical assembly testing, and assembly rebuilds.
- Collect and analyze data to set the foundations of a Predictive Maintenance system.
- Adapt working practices to meet the individual needs and regulations at each customer site.
- Track past and future work through each customer's CMMS system.
- Upgrade and calibrate old systems with new components.
- Integrate with the local staff to best fulfill customer needs.
- Source components to adequately replace obsolete parts on process critical equipment.
- Contribute industry knowledge to process improvement solutions, equipment upgrades, and problem solving groups.

### **Manufacturing Engineering Technician**

Cooper Lighting Solutions - Aurora, CO

March 2020 to April 2022

- Spearheaded kaizen workshops, workstation layout, and 6s events.
- Identified cost savings or avoidance opportunities and provided a plan of action.
- Prioritized concerns from multiple departments by examining factors at a micro and macro level.
- Contributed technical knowledge of existing facilities infrastructure and equipment capabilities during improvement planning.
- Sustained a variety of hardware and software tools as new technologies emerge, customer requirements change and manufacturers render existing products obsolete.
- Designed and implemented fixtures, tooling and storage solutions to improve cycle times and organize the production floor.
- Coached employees through technically challenging manufacturing hurdles and provide resources to utilize on future problems.
- Designed test fixtures and procedures for electrical and mechanical assemblies.

- Worked cooperatively with multiple departments to resolve active and potential issues at multiple levels.
- Revised outdated standard work orders and visual work instructions to match current manufacturing requirements.
- Greatly reduced CNC cycle times by tripling the usable number of tool slots.
- Modified, documented, and fabricated the standard production line with input from multiple departments.
- Coordinated the relocation of the assembly area after analyzing the infrastructure, logistical and spatial needs of the project.
- Restructured the Manufacturing Engineering Technician workspace to increase team efficiency, reduce wasted space and expand the overall problem-solving capabilities of the department.

### **CNC PM Engineer**

Monckton's Machine Tool - Denver, CO

October 2019 to March 2020

- Inspected electromechanical, pneumatic, and hydraulic systems.
- Replaced oils and filters on hydraulic, pneumatic, and transmission systems
- Diagnosed high and low voltage electrical issues.
- Performed calibration tests to determine planar geometry of machine.
- Advised customers of the services performed, overall condition of the machine, and any signs of wear or damage.

### **Machine Fabricator/Senior Customer Engineer**

Fiserv (First Data Corporation) - Omaha, NE

July 2018 to August 2019

Promoted based on high level of accountability, precision, and previous machining experience. Was enrolled in classes at the time of promotion.

- Maintained and operated lathes, milling machines, and other fabrication equipment.
- Manufactured parts and frames according to engineering prints.
- Created CNC programs and fixtures to increase the ease and reliability of production.
- Integrated a large CAM software update into our existing file structure.
- Diagnosed and repaired machine circuitry, PCs, and circuit boards.
- Reverse engineered OEM parts as part of cost savings efforts and emergency repairs.
- Maintained tooling, hardware, and consumables inventories for the shop.
- Used hand tools to assemble machine from completed parts.

### **Electronics Technician/Customer Engineer**

Fiserv (First Data Corporation) - Omaha, NE

December 2016 to June 2018

- Diagnosed and maintained complex electrical systems comprised of relays, servos, AC motors, sensors and network devices.
- Rebuilt mechanical sub-assemblies, production PC's and circuit boards.
- Documented the processes and parts required for each mechanical sub-assembly.
- Worked with a team to provide preventative maintenance as scheduled.
- Mentored associate customer engineers and high level operators to foster in-house talent and promote a safe, productive work environment.
- Installed new equipment and modified existing machinery to accept new additions.
- Maintained tool, chemical, hardware, and electronics component inventories for the shop.

- Applied 5S practices to improve the organization and efficiency of the shop.
- Collaborated with multiple personalities on the plant Safety Committee to address safety concerns and implement new safety policies.

### **Machine Operator**

Fiserv (First Data Corporation) - Omaha, NE

November 2015 to December 2016

- Operated a high-speed electromechanical mail machine in a demanding production environment.
- Championed material changeovers by learning the appropriate PC settings and mechanical adjustments needed for each type of product on multiple machine models.
- Diagnosed minor mechanical problems and made adjustments to optimize output, eliminate quality errors, and prevent unnecessary re-prints.
- Performed quality inspections to ensure product would meet postal standards.
- Assisted other operators with mechanical and software troubleshooting and minor repairs.

### **Machinist**

Koley's Inc - Omaha, NE

August 2014 to October 2015

Perform maintenance on lathes, milling machines, shears, and breaks.

Use equipment to manufacture parts according to AutoCAD drawings.

Use Hand and power tools.

Assemble finished and polished product.

Inventory, sort, and prepare materials for use.

### **Production worker**

Lozier's - Omaha, NE

January 2014 to June 2014

Quality inspection of the product.

Assemble, prepare, and package the product for shipment.

Assist in line set up for optimal processing.

## Education

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### **Industrial Electrical**

Metropolitan Community College - Omaha, NE

2017 to Present

### **Emergency Medical Technician**

Creighton University - Omaha, NE

2011 to 2012

### **High School Diploma**

Central High School - Omaha, NE

2008 to 2012

## Skills

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- High Voltage
- Sensors
- Low Voltage
- Geometry
- Electrical Experience
- CNC
- Equipment Repair
- Schematics
- Blueprint Reading
- Fabrication
- Tooling
- Mechanical knowledge
- 5S
- SolidWorks
- CAM programming
- Lean manufacturing
- Windows
- Machining
- Troubleshooting
- SAP
- Manufacturing
- Continuous improvement
- Process improvement
- CAD
- CNC Lathe
- Material selection
- Lean Six Sigma
- Documentation review
- System design
- Kaizen
- Kanban
- Continuous integration
- Root cause analysis
- Soldering
- Conflict management
- Leadership
- Analysis skills
- Value stream mapping

- Lean

## Certifications and Licenses

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### **OSHA 30**

Present

### **Driver's License**

### **Forklift Certification**

### **Scissor Lift Certification**