Xinyang(Jay) Zhao

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SKILL SUMMARY

- Experience operating lathe and milling machines performing precision machining operations such as sawing,turning, milling, boring, radius cutting and drilling.
- Operate and understand hoisting and lifting devices, maintenance practices and principles and proper safety procedures during installation, set-up, repair and removal of machinery in industrial plants and factories.
- Hands-on experience with practical electrical installations for commercial, residential and industrial settings.
- Knowledgeable reading diagrams, schematic drawings and blue prints
- Able to calculate dimensions, tolerances and measure and lay out work pieces.
- Excellent troubleshooting, technical planning and problem-solving skills.
- Strong communication, time management and organizational skills.
- Physically fit and active; able to complete physically demanding work.
- Driver's licence and vehicle; willing to travel to job sites within Ontario.
- Industry certifications: Lock Out-Tag Out, First Aid and CPR Level C, OHSA Training.

EDUCATION

Industrial Millwright Mechanic and Electrical Pre-Apprenticeship Program graduating November 2025
Centre for Skills Development, Burlington ON

- Electrical Theory and Code (OESC)
- Practical electrical installations
- Hydraulics and pneumatics
- Machine theory and practice
- Rigging and hoisting
- AC motor control
- Machine and equipment lubrication
- Basic Programmable Logic Controls (PLCs)
- Interpreting engineering drawings
- Circuit Wiring
- Threads and fasteners
- Lean Manufacturing
- Precision measuring tools and equipment
- Comprehensive safety training

General Machinist CNC Diploma graduated April 2025
Conestoga College, Cambridge ON

INDUSTRY CERTIFICATION

- First Aid and CPR Level C
- WHMIS
- Working at Heights
- OHSA Awareness – 4 Steps
- Lock Out – Tag Out

WORK EXPERIENCE

Rona Plus / Management Service Technician Contractor

April 2024 - August 2024, Kitchener

- Maintaining tools and stock shelves for staff and customer satisfaction. Inspecting hand and power tools, making sure that they are in peak condition.
- Relocate and install shelving/display products into different parts of the shop floor. Labeling and printing price tags for merchandise.

Katlyn Airport Logistics / Development & Web Administrator Intern

August 2023 - Jan 2024, Waterloo ON

- Debug software and Website for users onsite. Meticulously refined ML algorithms and web systems, ensuring high accuracy in logistics predictions and seamless user interactions.
- Engineered interactive Tableau dashboards, transforming raw data into compelling visualizations that facilitated rapid identification of key performance trends.

Rockwell Automation/ Prototype wiring & Building

June 2022 - April 2023, Cambridge ON

- Constructed electrical panels and power boxes, operated industrial heavy press and NC machines, implemented PLC programming, and underwent specialized electrical wiring training.
- Analyzed complex electrical blueprints, identifying optimization opportunities and implementing improvements to streamline manufacturing processes and reduce production time in a warehouse environment.