JIWEI (WILLIAM) GUO

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PROFILE

Applied Physics graduate seeking an entry-level Millwright (Industrial Mechanic) apprenticeship with UBC Millwright Local 1916. Technical background includes mechanical and environmental reliability testing, laboratory work, electrical circuits, measurement, and troubleshooting support. Comfortable with hands-on work and common power tools, able to follow technical procedures and safety requirements, and committed to developing a long-term career installing, maintaining, troubleshooting, and repairing industrial machinery.

TECHNICAL & HANDS-ON SKILLS

- Hands-on experience using common hand and power tools, including power drills and electric screwdrivers; comfortable assembling furniture and equipment from instructions.
- Reliability testing experience involving mechanical/environmental conditions, physical performance, durability, packaging/transportation, and IP protection testing.
- University laboratory background in electrical circuits, electromagnetism, measurement, theoretical mechanics, and experimental procedures.
- Experience following technical specifications, test plans, written procedures, schedules, and safety-focused work instructions.
- Strong mechanical aptitude, mathematics, analytical thinking, troubleshooting, data recording, and problem-solving skills.
- Reliable, punctual, detail-oriented, team-focused, physically comfortable with hands-on work, and willing to learn and travel for work assignments.

RELEVANT TECHNICAL EXPERIENCE

Quanta Computer - China | Reliability Test Assistant Engineer | Jun 2018 - Mar 2019

- Conducted reliability testing for new computer products according to test specifications, plans, procedures, and schedules.
- Supported mechanical, environmental, physical-performance, durability, packaging/transportation, and IP protection testing with internal laboratory teams.
- Worked with laboratory equipment and tools, collected and documented test results accurately, and reported technical findings to customers and R&D teams.
- Assisted in identifying product issues, coordinating follow-up testing, and supporting problem resolution while maintaining accuracy and attention to safety.

EDUCATION

Bachelor's Degree in Applied Physics | Aug 2014 - Jun 2018

Heilongjiang University of Science and Technology, China

- Relevant coursework included Theoretical Mechanics, Fundamentals of Electric Circuits, Electromagnetism, General Physics Laboratories, Engineering Training, and Numerical Methods.
- Completed laboratory work involving technical measurements, experimental procedures, circuit construction, multimeters, and oscilloscopes.

ADDITIONAL PROFESSIONAL EXPERIENCE

Vita Green - China | E-commerce Advertising / Digital Marketing | Nov 2024 - Apr 2026

- Managed multiple priorities, data tracking, cross-functional coordination, schedules, and deadlines in a fast-paced environment.

Reckitt & Manon - China | E-commerce Advertising / Digital Marketing | Sep 2021 - Aug 2024

- Coordinated with internal teams and external partners, maintained accurate information, and followed projects through to completion.

PepsiCo / Quaker - China | Senior E-commerce Advertising Specialist | Mar 2019 - Sep 2021

- Developed transferable skills in organization, reporting, teamwork, communication, problem solving, and dependable execution.