

JIN ZIYU

BEng (Hons) Robotics Systems Undergraduate

 jinziyu100@gmail.com



+ ABOUT ME

Driven Robotics Systems undergrad with hands-on expertise in electronics, automation, and quality engineering. Adept at robotics inspection and precision measurement, eager to contribute to innovative teams and advance manufacturing automation.

+ SKILLS

C/C++ Programming

ROS 1 (Robot Operating System)

Industrial Inspection

Microsoft Office

Solidworks

Analytical Thinking

Problem-Solving

Team Collaboration

+ LANGUAGES

English

Chinese

+ WORK EXPERIENCE

- Kinergy Corporation Ltd.

MAY 2022 - JUL 2024
- ASSITANT QUALITY ASSURANCE ENGINEER

- Conducted thorough equipment inspections utilizing UV light technology to ensure adherence to quality standards.
- Employed precision measurement tools such as feeler gauges to maintain equipment accuracy and performance.
- Demonstrated expertise in electronics and robotics, contributing to the enhancement of quality assurance processes.
- Developed solutions to technical challenges, optimizing process efficiency and product reliability.
- Collaborated with the quality assurance team to identify areas for process improvement and implement strategic changes.
- Maintained a strong focus on quality control, ensuring all products met rigorous testing and inspection criteria.

- Wizlogix Pte Ltd

OCT 2021 - MAR 2022
- SUPPLY CHAIN INTERN

- Monitored inventory levels to ensure accuracy and promptly addressed discrepancies.
- Implemented problem-solving strategies to resolve emergency issues effectively.
- Generated Purchase Orders and Goods Received Notes within SAP (Systems Applications and Products in Data Processing) to maintain procurement workflow.
- Collaborated with a team of 6 colleagues in the supply chain department to optimize operations and support departmental goals.

+ EDUCATION

- Temasek Polytechnic

2022
- DIPLOMA IN ELECTRONICS

- Acquired extensive knowledge of electronic circuits, systems, and components.
- Honed expertise in design, diagnostics, and maintenance of electronic devices and systems.
- Emphasized practical application and adherence to industry standards.

- Temasek Polytechnic

2023
- SPECIALIST DIPLOMA IN ROBOTICS & AUTOMATION

- Advanced proficiency in robotics systems and automation technologies.
- Specialized in control systems for robotics applications.
- Expertise in designing and programming robotic solutions.
- Optimized manufacturing processes through automation.
- Enhanced operational efficiency with cutting-edge robotics.

- Singapore Institute of Technology

2028
- BENG (HONS) ROBOTICS SYSTEMS