



Young Engineer Program (YEP) Vacancies

MECHANICAL DESIGN ENGINEER

JOB RESPONSIBILITIES:

- **Responsible for product design and development using 3D CAD software and other simulation tools.**
- **Plan and manage mechanical design schedule.**
- **Execute mechanical piece part design, process and tooling verification.**
- **Implement product and process improvement.**
- **Coordinate design phases, transfer and project scheduling.**
- **Checking of drawings and preparation of Bill of Materials (BOM).**
- **Translate customer's requirements into design specification, evaluate design feasibility and provide technical expertise to meet customer's requirements.**
- **Establish design objectives for specific projects, perform detailed calculation and develop innovative and creative design for various difficult and complex project features.**
- **Other duties and assignments as instructed by superiors from time to time.**
- **To comply with all requirements of ISO (inclusive of all standards approved by the Management) and to adhere to general safety practices, standard operating procedure, work instructions, policies.**

JOB REQUIREMENTS:

- **Candidates must possess at least a Bachelor's Degree in Engineering of Mechanical, Mechatronic, Electromechanical or equivalent.**
- **Fresh graduates with CGPA 3.0 and above are encouraged to apply.**
- **Knowledge in SolidWorks, CAD/CAM software.**
- **Required language(s): English & Malay; preferred language: Mandarin.**
- **Overseas business trip to set-up or buy-off machine**



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SOFTWARE ENGINEER

JOB RESPONSIBILITIES:

- **Develop software of automation machine.**
- **Develop detailed software design specification and documentation.**
- **Interacting with customers to provide technical support, troubleshooting and resolving customer issues.**
- **Coordinate work in small multi-disciplinary teams including customers, project managers and project team.**
- **Recommend the selection of hardware to be used in the project.**
- **On-site support for software related issues.**
- **Provide assistance and software support to customers as well as evaluation to find solutions on customer's modification requests.**
- **Other duties and assignments as instructed by superiors from time to time.**
- **To comply with all requirements of ISO (inclusive of all standards approved by the Management) and to adhere to general safety practices, standard operating procedure, work instructions, policies and guidelines provided by the company.**

JOB REQUIREMENTS:

- **Candidates must possess at least a Bachelor's Degree in Computer Science, Engineering of Mechatronic, Electrical, Electronic or equivalent. Fresh graduates with CGPA 3.0 and above are encouraged to apply.**
- **Possess knowledge in MSVS 2010 C# programming, Window Form GUI, Allen Bradley PLC Ladder Logic programming, FTView Studio, ME HMI design, machine programming knowledge will be added advantage.**
- **Required language(s): English & Malay; preferred language: Mandarin.**
- **Overseas business trip to set-up or buy-off machine**
- **Good project management and analytical skills.**



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ELECTRICAL DESIGN ENGINEER

JOB RESPONSIBILITIES:

- **Design electrical schematic diagram by using AutoCAD based on customer's requirements.**
- **Prepare and generate bill of materials or select electrical components that need to purchase for the machine.**
- **Coordinate with other departments such as Mechanical Design and Software about the machine that need to design.**
- **Follow up parts from Purchasing department to make sure all components are on time for machine assembly and delivery.**
- **Prepare electrical control box layout and do computation for wire sizing and circuit protection for the whole system.**
- **Coordinate with Assembly department to provide guidance in machine wiring whenever necessary.**
- **Perform electrical troubleshooting during machine power up and software testing before the delivery of machine.**
- **Coordinate and follow up on any matters that related to electrical parts of machine and assigned project.**
- **Other duties and assignments as instructed by superiors from time to time.**
- **To comply with all requirements of ISO (inclusive of all standards approved by the Management) and to adhere to general safety practices, standard operating procedure, work instructions, policies and guidelines provided by the company**

JOB REQUIREMENTS:

- **Candidates must possess at least a Bachelor's Degree in Engineering of Electrical, Electronic, Mechatronic, Electromechanical or equivalent. Fresh graduates with CGPA 3.0 and above are encouraged to apply.**
- **Required language(s): English and Malay; preferred language: Mandarin.**
- **Ability to work independently and self-discipline in managing multiple projects.**
- **Good project management and analytical skills.**
- **Knowledge in UL machine standard requirement.**
- **Overseas business trip to set-up or buy-off machine.**



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VISION ENGINEER

JOB RESPONSIBILITIES:

- Design and develop machine vision system based on project requirements with software programming language or logic based configuration by utilizing image processing library.
- Understand project requirement, perform feasibility study, and able to propose machine vision solution to customer.
- Perform image evaluation on customer's samples to determine and propose the hardware (optic, camera, lens, lighting) and software requirement for machine vision system.
- Perform software programming, UI design, software architecture design, and software performance optimization on PC based vision platform.
- Responsible for installation and support on programming and fine tuning vision inspection systems at factory and customer site.
- Project planning, project realization including customer site support and training.
- Must display initiative and ability to work in small multi-disciplinary teams including Customers, Project Managers and Project Team.
- Travelling to set-up & support machine buy-off is necessary.
- Accountable for project time estimation and delivery schedules.
- Position is able to apply broad knowledge of specific technical/operational practices.
- Checks for problem in existing systems and modifies work processes following defined procedures.
- Operational role responsible for achieving day-to-day objectives.
- Other duties and assignments as instructed by superiors from time to time.
- To comply to all requirements of ISO (inclusive of all standards approved by the Management) and to adhere to general safety practices, standard operating procedure, work instructions, policies and guidelines provided by the company.
- Protect and retain documents and records under your control to assure that they are readily retrievable

JOB REQUIREMENTS:

- Candidates must possess at least a Bachelor's Degree in Computer Science/Engineering (Electrical/Electronic)/Engineering (Mechatronic) or equivalent experience in related field.
- Fresh graduates with CGPA 3.0 and above are encouraged to apply.
- Initiative, aggressive & with good organizational skills.. Good in written and verbal communication skills."
- Ability to work independently and self-discipline in managing multiple projects.
- Required language(s): English & Malay; preferred language: Mandarin.
- Overseas business trip to set-up or buy-off machine.
- Software programming skill: C# / .Net / WPF / JavaScript / Python.
- Basic knowledge of image processing, graphic programming for fresh graduates.
- Cognex and Keyence programming skill for non-fresh graduates.



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TEST ENGINEER

JOB RESPONSIBILITIES:

- **Design & implement test system/solution (hardware & software) based on project requirement.**
- **Review project requirement to provide new test system development planning for new project include test time, test coverage, test hardware/software estimated cost.**
- **Developing the test system, system setup and testing.**
- **Work closely with customer, project team and supplier to ensure delivery on time**
- **Customer support and production build when necessary.**
- **Other duties and assignments as instructed by superiors from time to time.**
- **To comply to all requirements of ISO (inclusive of all standards approved by the Management) and to adhere to general safety practices, standard operating procedure, work instructions, policies and guidelines provided by the company.**

JOB REQUIREMENTS:

- **A Diploma or Bachelor's degree in engineering related field or equivalent experience**
- **Fresh graduates with CGPA 3.0 and above are encouraged to apply.**
- **Camera module testing, optical sensor (LED/ALS/VCSEL) testing is preferred.**
- **LabVIEW, NI-PXI system and others test instrument such as oscilloscope, DMM, SMU will be added advantages.**
- **Strong communication skills in both oral and written.**