Job Title:	**Vision Development Engineer**

Job Requirements

- Degree in Engineering or Science in Electronics/ Electrical/ Mechatronics/ Computer/ Optical/ Photonics with second upper class or above
- Good working relationship and positive work attitude, self-motivated with ability to work independently and in team environment
- Innovative, creativity and hardworking
- Strong technical leadership, analytical & problem-solving skills
- Excellent written and verbal communication skills
- Positive thinking and willing to provides extended support to customer
- Enjoy learning new things and willing to accept new challenges
- Good semiconductor process knowledge or IR technology is an added advantage.
- Good project management skills
- Strong in software programming, optical inspection & image processing
- Experience in using vision library e.g. Halcon, Euresys is an added advantage
- Well versed in Visual C++, Visual C#, VB.NET programming language

Job Descriptions

- Vision software design & hardware configuration (optic, camera, lens & lighting), programming and development for automated inspection system
- Research in vision technology solution and sourcing for related hardware & software library
- Manage vision project, establish project schedule and plans
- Coordinate and run vision evaluation, characterization and investigation for customer samples and request
- Translate customer's requirement into design specification, evaluate design feasibility and provide technical expertise to exceed customer expectations
- Accountable for vision software and hardware buyoff qualification and reporting
- Provide support to production team for machine build issues related to vision
- Perform proper engineering documentation including DCN, SOP, user manual and guideline
- Undertake other duties and responsibilities, which may be assigned by the Company from time to time and ensure timely completion

Job Title:	**Software Development Engineer**

Job Requirements

- Degree in Engineering or Science in Electronics/ Electrical/ Mechatronics/ Computer with second upper class or above
- Strong in software programming and electronics/electrical design
- Well versed in Visual C++, Visual C#, VB.NET programming language
- Good working relationship and positive work attitude, self-motivated with ability to work independently and in team environment
- Innovative, creativity and hardworking
- Strong technical leadership, analytical & problem-solving skills
- Excellent written and verbal communication skills
- Positive thinking and willing to provides extended support to customer
- Enjoy learning new things and willing to accept new challenges
- Good semiconductor process knowledge or IR technology is an added advantage
- Good project management skills

Job Descriptions

- Design and develop software, control system & hardware for automated machines
- Provide application integration test and documentation
- Provide assistances and machine software & hardware support to customers as well as evaluation to find solutions on customer modification requests
- To analyze and implement customer requirements
- Responsible for software development process definition and hardware qualification
- Plan and manage technical projects or tasks to meet expectations on quality and timeliness
- Work as a team to evaluate interface between hardware and software as well as the operational and performance requirements of the overall system
- Perform proper engineering documentation, SOP and guideline
- Undertake other duties and responsibilities, which may be assigned by the Company from time to time and ensure timely completion

Job Title:	**Mechanical Design Engineer**

Job Requirements

- Degree in Mechanical Engineering /Mechatronics with second upper class or above
- Strong in mechanical design, material selection and metal/plastic fabrication process
- Well versed in SolidWorks software
- Knowledge in equipment design, test integration, test socket & probe design, test process is an added advantage
- Good working relationship and positive work attitude, self-motivated with ability to work independently and in team environment
- Innovative, creativity and hardworking
- Strong technical leadership, analytical & problem-solving skills
- Excellent written and verbal communication skills
- Positive thinking and willing to provides extended support to customer
- Enjoy learning new things and willing to accept new challenges
- Good semiconductor process knowledge or IR technology is an added advantage
- Good project management skills

Job Descriptions

- Responsible for product design and development using 3D CAD software and other simulation tools
- Responsible for product assembly and testing and buyoff
- Execute mechanical piece part design, process and tooling verification
- Implement product and process improvement
- Perform proper documentation including DCN, SOP, user manual, piece part, pneumatics drawing, design drawing etc
- Undertake other duties and responsibilities, which may be assigned by the Company from time to time and ensure timely completion

Job Title:	**Product Application Engineer (Vision Buyoff)**

Job Requirements

- Candidates must possess at least a Bachelor's Degree or Professional Degree in Engineering (Mechanical/ Electrical/ Electronic/ Computer/ Physics)
- Strong analytical and problem-solving skills, willing to learn and work hard
- Experience and knowledge in vision system, Image Processing and Optics is an added advantage
- Possess teamwork spirit, strong oral, written and interpersonal skills
- Possess positive work attitude, initiative, self-motivated with ability to work independently and as part of a team
- Tidy, organized and detail oriented
- Hardworking, responsible and able to work overtime or shifts when required
- Flexibility to work during weekend or off day when required
- Willingness to travel at short notice, as required by the superior
- Proficiency in MS Excel, Power Point, and Word
- Strong communication and presentation skills
- Good proficiency in English

Job Descriptions

- Perform machine vision buyoff both in the factory and on-site with customers, ensuring it is completed within schedule and meets quality standards
- Perform machine vision verification prior to machine setup
- Prepare technical machine buyoff reports
- Conduct quality issue investigations, working closely with the vision development team to identify issues and implement solutions
- Provide technical training and application support to customers worldwide on machine vision products
- Troubleshoot vision equipment failures and diagnose faulty operations
- Perform vision evaluation for new applications and customer requirements
- Conduct vision hardware or software evaluation and prepare technical evaluation report accordingly
- Provide on-call or on-site support during days off when needed
- Prepare and update user manual and troubleshooting guidelines
- Follow the established safety rules and regulations
- Provide technical support to the setup and configuration team
- Prepare technical SOPs, work instructions, forms, and checklists for the internal team
- Undertake other duties and responsibilities as assigned by the company, ensuring timely and complete closure

Job Title:	**QA Engineer**

Job Requirements

- Bachelor's degree in quality, mechanical, or industrial engineering or a related field
- Experience with root cause and corrective action (RCCA) processes, including 8D reporting
- Familiarity with Process Failure Mode and Effects Analysis (PFMEA) and risk assessment practices is added advantage
- Systems knowledge and familiarity (e.g., ISO 9001, IATF 16949, etc.)
- Customer quality assurance experience, including internal and external audit participation
- Proficiency in Statistical Process Control (SPC) and structured problem-solving methodologies
- Exposure to machine buy-off processes and industry quality standards is an added advantage
- Strong communication skills, attention to detail, and excellent organizational abilities

Job Descriptions

- Carrying out inspections and perform machine buy-offs according to customer specification and internal quality requirements
- Verify that all processes and products meet defined quality standards before progressing to the next stage
- Evaluate, investigate, track nonconformity feedback using established root cause and corrective action (RCCA) processes, such as 8D reporting
- Ensure accurate documentation of evaluation, investigation findings, and corrective action records, with timely issue closure
- Facilitate and promote structured problem-solving techniques to achieve effective root cause analysis and prevent issue recurrence
- Communicate with cross-functional teams (including IQC, SQE, Production, and Engineering) to review nonconformity responses, verify records, and confirm corrective action effectiveness
- Prepare, update, and maintain all relevant quality reports, audits, and documentation as required
- Execute risk-based internal audits according to the annual audit plan and assist with other audit-related projects
- Support and drive best practices across the quality system to ensure consistency and continuous improvement
- Recommend and implement process enhancements that improve factory quality performance, simplify workflows, and enhance customer satisfaction
- Collaborate with relevant departments to monitor and ensure incoming materials meet quality requirements, including nonconformities at the source
- Undertake other duties and responsibilities, which may be assigned by the Company from time to time and ensure timely completion

Job Title:	**Internship for Industrial Automation/Technical students (Assembly & Wiring)**

Job Requirements

- Candidate is currently pursuing at least a Professional Certificate/ Diploma in Industrial Automation/Manufacturing Engineering or other engineering discipline related to technology courses
- Duration of internship with minimum period of 3 months is preferred
- Basic skill and knowledge of mechanical assembly
- Willing to hands-on

Job Descriptions

- Assembly and install required cards into IPC according to layout provided
- Support in verification & troubleshooting if issue found on PC
- Assist in managing and mechanical assembly parts for work order, conversion kits, warranty, consignment and bundle
- Assemble mechanical components according to engineering & manufacturing specifications and requirements
- To set up and trouble shoot in-house automated machine
- To assist in machines quality checking
- Undertake other duties and responsibilities, which may be assigned by the Company from time to time and ensure timely completion

Job Title:	**Internship for Mechanical/ Quality students (QA)**

Job Requirements
• Candidate is currently pursuing at least a Diploma/ Degree in quality, mechanical, or industrial engineering or a related field • Duration of internship with minimum period of 3 months is preferred

Job Descriptions
• Assist QA Engineers in conducting inspections and machine buy-offs according to customer specifications and internal quality requirements. • Support the verification of processes and products to ensure they meet defined quality standards. • Support QA Engineers in preparing and updating quality reports and related documentation. • Perform other tasks and administrative support as assigned by the QA team or supervisor. • Assist in recording and tracking nonconformities and support investigation activities when required. • Undertake other duties and responsibilities, which may be assigned by the Company from time to time and ensure timely completion