



Job Title : R&D Mechanical Engineer

Department : Research & Development

Key Responsibilities:

- Involved in development of mechanical, structural & kinematical designs for CNC Milling machine tools
- Perform testing of machine and elements for new development and improvement
- Conduct market surveys for new product planning
- Release necessary engineering documents for manufacturing, sales, and service
- Support manufacturing, sales, and service
- Manage engineering and technological information

Job Requirements:

- Diploma/Degree in Mechanical Engineering / Mechatronics Engineering
- Possess experience in product development. Product developed should consists of minimum 100 parts
- Possess design knowledge and experience for kinematical mechanical parts
- Experience in development of Structural base and column / Machine by using ball screw, liner motor, Servo drive, Pneumatic, Hydraulic devices, Rotary table and Robot / Drainage treatment system / System for disposal and recycling of waste / Expertise of Dynamic analysis, CAE, FEA an advantage
- Have working knowledge of SolidWorks
- Able to assimilate new ideas and concepts, a team player and fast learner
- Keen interest in machines and engineering industries
- Good in English is a must

Job Title : Software Engineer

Department : Research & Development

Key Responsibilities:

- Responsible for developing and maintaining Windows HMI application for machine control
- Responsible for programming both user interface and machine logic
- Lead the team in technical and administrative duties and update progress to management regularly
- Implement good software design and coding practices E.G object orientated design, Continuous Integration, Automated Unit Testing
- Communicate with internal and external stakeholders on software requirements and feedback after development
- Maintenance and QA Testing of software release
- Provide Production and field support
- Research, implement and share to department new technologies to support software development

Job Requirements:

- Engineering Graduate in Electrical Engineering/ Mechatronics Engineering/ Computer Science
 - Knowledge of WPF, winform application development using C# language
 - Experience in Windows Embedded Standard OS, software architecture design and software testing
 - Knowledge of agile scrum development techniques
 - Good knowledge of software development life cycle, object orientated design and UML diagram design
 - Experienced in the following tools: Git source control, Visual Studio, SQL server, MongoDB, Jenkins CI
 - Good in English is a must
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Job Title : Engineer (Advanced Technology – Machine Vision)

Department : Research & Development

Key Responsibilities:

- Carry out development in the area of machine vision to support vision-based technologies for machine tool applications
- Source, evaluate and select suitable hardware to achieve cost-effective yet robust machine vision applications.
- Develop image processing algorithm/techniques to recognise/measure/extract object or tool features within a machining centre.
- Work with other engineers and/or department members to carry out system integration, testing and delivers reliable and commercialisable products.
- Provide technical support to Production, Service, Sales & Application for technologies developed by the team.

Job Requirements:

- Degree /Master in Mechatronics, Electrical & Electronics Engineering or equivalent
- Practical experience in working with industrial cameras and related machine-vision peripherals (e.g. lighting, embedded computer, etc).
- Experience in image processing development with various methods (i.e. OpenCV, MatLab and/or algorithm implementation from scratch)
- Good programming skill in C, C++, C#.
- Able to learn independently and adapt rapidly to different programming environments, communication protocol, OS and APIs.
- General knowledge of PLC ladder programme is a plus
- Meticulous and quality conscious
- Able to work both independently and in a team
- Good in English is a must

Job Title : Engineer

Department : Production Engineering

Key Responsibilities:

- Identification of new opportunities for automation within the manufacturing process
- Management of a project team (including managing vendors)
- Designing new automation equipment or processes
- Stimulating and testing these processes or equipment to ensure they function as desired
- Writing reports for senior colleagues outlining new concepts, testing outcomes and ongoing efficiency
- Developing and maintaining clear and accurate documentation of automation equipment or processes
- Staff training where necessary – typically after implementing new processes or equipment, or making changes to existing ones
- Troubleshooting automated processes or equipment when errors occur

Job & Requirements:

- Candidate must possess at least a Diploma in Engineering or equivalent (All engineering department such as Mechanical, Electrical, Mechatronic, Electrical, Industrial Engineering.)
 - Candidate with passion and interest in automation engineering are welcome to apply.
 - Should be a good team player and quick learner
 - Willing to travel and attach to regional company for short period
 - Good in English is a must
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บริษัท มากิโน (ประเทศไทย) จำกัด
MAKINO (THAILAND) CO., LTD.
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Job Title : Electrical Engineer

Department : Research and Development Shared Engineering

Key Responsibilities:

- Electrical and mechatronic design
- 3D layouting of cabinets and electrical subassemblies
- Circuit diagrams/ cable-drawing creation for manufacturing and assembly
- Creation of bill of materials and Engineering Changes
- Analysis and support on customer service issues
- Analysis and support on production issues
- Proposal design for new electrical unit for next generation machines
- Knowledge of PLC based electrical cabinet design
- Engineering and design for customer specific solutions
- Solve engineering problem at our customer sites

Job & Requirements:

- Candidate must possess at least a Diploma in Engineering or equivalent (Electrical, Mechatronic, Electrical Engineering)
- Candidate with passion and interest in automation engineering are welcome to apply.
- Should be a good team player and quick learner
- Willing to travel and attach to regional company for short period
- Good in English is a must

Job Title : Software Engineer

Department : Research & Development (EDM)

Key Responsibilities:

- Responsible for developing Makino's next generation controller and related products
- Responsible for programming in both user interface design and machine logic.
- Understanding the requirements, design, implementation, integration, testing, verification and maintenance of Makino's software products
- Be accountable for optimization-focused design that practices well written codes that are easily readable, highly reusable and modular. Coding convention and design tools will conform to Makino's software standard practices.
- Provide technical design documentation that fully defines all application codes and the underlying methodology for each design decisions made.
- Perform troubleshooting of client problems both remotely and onsite. Overseas travel may be required.

Job Requirements:

- Degree in Software Engineering or Computing (Computer Engineering or Computer Science)
- Able to program in WPF, C#, C++\
- Be familiar with at least two of the following languages: WPF, C#, C++, Java, Javascripts, and XML.
- Have good knowledge in OOD/OOP design and can incorporate them into their designs.
- Experience in the following tools will be preferred: Visual Studio, Expression Blend, Adobe Photoshop, Solidworks 3D and SQLServer.
- Have keen interests in system testing
- Good in English is a must

INTERESTED APPLICANTS PLEASE SEND YOUR RESUME TO
ruankaews@makino.co.th or call +66 02 0170123 #180