About our company

ASM Pacific Technology Limited ("ASMPT") (HKG: 0522), as a global technology and market leader, develops and provides leading edge solutions and materials for semiconductor assembly and packaging industries, as well as surface mount technology solutions in a wide range of end-user markets including electronics, mobile communications, automotive, industrial, LED and solar energy. We consistently invest in R&D to provide customers with innovative and cost-efficient solutions that help them achieve higher productivity, greater reliability and enhanced quality. Over the past 40 years, through the dedicated efforts of our high caliber teams, we have successfully established an international marketing network and manufacturing operations in Hong Kong, Germany, Malaysia, Singapore and China (Shenzhen and Huizhou).

Join us if you share our vision **ENABLING THE DIGITAL WORLD** and core values **POWER**:

- **P**assion to be the #1 “Go to Partner”
- **O**wnership of actions and behaviors
- **W**in with our customers
- **E**xcellence in all that we do
- **R**espect for one and all

For more information on ASM and its products and services, please visit www.asmpacific.com
Mechanical Engineer

Responsibilities:

- Design precision mechanical modules in the application of semiconductor equipment, including
  - Requirement analysis for customer
  - Idea generation and idea verification (using Force Analysis, Thermal Simulation Analysis, Vibration Simulation, Module Life Time Estimation, etc)
  - Solution selection
  - Material handling
  - Tooling design
- Prepare 3D engineering design and model analysis
- Involve in continuous design improvement activities such as Design for Manufacturing Equipment

Requirements:

- Degree or higher in Mechanical Engineering or relevant disciplines
- Minimum 3 years’ relevant working experience in mechanical design is preferred
- Experience in Solid Edge, SolidWorks, Pro-E and AutoCAD is preferred
- Basic understanding of semiconductor manufacturing process will be advantage

Attractive salary and fringe benefits package will be offered to the right candidates.

Please visit our company website for our company background, products and other useful information.
Website: http://www.asmpacific.com/

Data collected will be used for recruitment purpose only. Suitable candidates may be referred to other vacancies within our company.

Interested parties please submit your application with cover letter, resume, certificate and transcripts to hk.careers@asmpt.com
Software Engineer (C / C++ Preferred)

Responsibilities:

- Responsible for semiconductor equipment software development, including
  - Implement user interface for machine operations
  - Realize the manufacturing process automation through robotic control in micron scale
  - Integrate with machine vision software for alignment and inspection in micron scale
  - Implement industrial standard network protocols to communicate with manufacturing executing system
  - Provision for Industry 4.0

Requirements:

- Degree or higher in Computer Science / Engineering / Mathematics / Physics or relevant disciplines
- Minimum 3 years’ relevant working experience in software development is preferred
- Proficient in C/C++ and application programming
- Good knowledge of multi-threading, object-oriented programming, design patterns and UML statechart
- Hands-on experience in developing software in MS Windows, Visual Studio or Linux
- Familiar with Operating System Internals is a plus

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Electronic Engineer (Electronics System: Power Drive and Power Supplies)

Responsibilities:
- Develop and sustain machine power system
- Develop and sustain motor driver, and varies motion control electronics

Requirements:
- Degree or higher in Electronic/Computer Engineering or relevant disciplines
- Minimum 3 years' working experience in power electronics circuit and PCB design
- Experience in MCU and FPGA programming is a plus
- Experience in hazard voltage (<600V) and CE compliance design is an asset
- Exposure to control system principles and communication protocol will be an asset
- Good command of written and spoken English and Mandarin
- You are strongly advised to state your interest at the top of your CV / resume before submission.
- Computer Vision Electronic Technologies
- Electronics System (Power Drive and Power Supplies)

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