Job Openings 2018

Profile of ASM Pacific Technology Ltd. (ASMPT)
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. ASMPT consistently invents in R&D to provide customers with innovative and cost-efficient solutions and systems that help them to achieve higher productivity, greater reliability and enhanced quality.

Over the past 40 years, through the dedicated efforts of high caliber team, ASMPT has successfully established a global network of 6 R&D centres with over 1,500 R&D staff worldwide, achieved more than 1,100 patents on key leading edge technologies, operated 10 manufacturing facilities with growing presence in 30+ countries.

As one of the key R&D centres of ASMPT, ASM Technology Hong Kong Limited constantly inspires and nurtures high potential talent from all backgrounds to pursue breakthroughs in manufacturing technology, provide best-in-class solutions for customers as well as realize their ambitions.

We always welcome talent with passion for excellence, innovation and teamwork.

Descriptions of Job Openings

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<tr>
<th>Enabling Technology and Product Development</th>
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<tr>
<td><strong>Mechanical Engineer</strong></td>
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<tr>
<td>• Degree or higher in Mechanical Engineering or relevant disciplines</td>
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<tr>
<td>• Working experience in mechanical design preferred</td>
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<tr>
<td>• Responsible for designing precision mechanical modules in the application of semiconductor equipment</td>
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<tr>
<td><strong>Software Engineer (R&amp;D / Product Development)</strong></td>
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<tr>
<td>• Degree or higher in Computer Science / Engineering / Mathematics / Physics or relevant disciplines</td>
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<tr>
<td>• Proficient in C/C++ and application programming</td>
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<td>• Good knowledge of multi-threading, object-oriented programming and design patterns</td>
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<td>• Hands-on experience in developing software in MS Windows, DOS or Linux</td>
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<td>• Familiar with Operation System Internals is a plus</td>
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<tr>
<td>• Responsible for supporting software development for semiconductor equipment automation</td>
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<td><strong>Electronic Engineer</strong></td>
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<tr>
<td>• Degree or higher in Computer / Electronic Engineering or relevant disciplines</td>
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<tr>
<td>• Proficiency in digital hardware and FPGA programming is essential</td>
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<tr>
<td>• Working experience in relevant field preferred</td>
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<tr>
<td>• Responsible for supporting advanced digital system circuit design</td>
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<tr>
<td>Role</td>
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| Process Engineer             | • Degree or higher in Applied Physics / Applied Mathematics / Mechanical Engineering or relevant disciplines  
  • Good understanding of DoE, FMECA, statistics and instrumentation; strong in analytical methods  
  • Responsible for developing machine automation, optimization and packaging process, study and refinement including dispensing, bonding and cutting |
| Computer Vision Engineer     | • Degree or higher in Engineering or Science disciplines  
  • Good logical thinking and analytical mind  
  • Passion for computer vision research and development  
  • Willing to take up challenges  
  • Responsible for conducting research and development in computer vision technology, advanced vision algorithms and applications for machine automation and visual inspection  
  • Training will be provided to suitable candidates |
| Embedded Software Engineer    | • Degree or higher in Computer Engineering / Computer Science / Software Engineering / Electronics or relevant disciplines  
  • Knowledge in real time operating system and control strategy  
  • Good knowledge in microcontroller and proficiency in C/C++ & Assembly programming language  
  • Good knowledge in multi-threading and object-oriented programming is an added advantage  
  • Responsible for designing and deploying low level software and firmware for real time embedded control applications  
  • Providing technical expertise and solution to semiconductor equipment products and field for deployment of real time embedded controllers developed |
| Optics Engineer              | • Degree or above in Optical Engineering or relevant disciplines  
  • Relevant knowledge or design experience in Geometrical Optics, Physical Optics or Optical Measurement  
  • Familiar with using Zemax and Tracepro or similar CAE tools in optical system design and analysis  
  • Responsible for precision optical system design, imaging and optical inspection technology research and optical instrument development for automatic alignment and inspection |
| Product Design Engineer (Shenzhen Plant) | • Degree or above in Mechanical / Manufacturing Engineering or relevant disciplines  
  • Good command of spoken and written English and fluent in Mandarin  
  • Competent in AutoCAD / technical drawing is a definite advantage  
  • Outgoing and eager to learn  
  • Responsible for leadframe design, FAI follow-through & troubleshooting  
  • Day trip to Shenzhen Plant is required (Company bus will be provided) |
| Digital Design Engineer / Senior Digital Design Engineer | • Degree or higher in Electronic / Computer Engineering or relevant disciplines  
  • Good knowledge in digital hardware design & FPGA based system is essential  
  • Responsible for developing and supporting FPGA based circuit design for semiconductor manufacturing equipment in the R&D |
### Senior System Engineer / System Engineer (R&D)
- Applicant with higher qualifications and more qualified experience will be considered as senior position
- Degree or higher in Computer / Electrical / Electronic / Mechanical / Industrial / System Engineering or relevant disciplines
- Keen interest and ability in system integration, workflow standardization and staying abreast of new technology
- Basic knowledge in assembly & packaging equipment for semiconductor is an advantage
- Good command of Mandarin and English preferred
- Responsibilities:
  - Gathering system requirements, preparing technical specification and providing system design and solution suggestion
  - Working closely with technical leaders to deliver electrical system solution of products
  - Participating in multiple projects simultaneously
- Candidate with minimum 3 years’ working experience in system integration or industrial controls will be considered as senior position

### Control Engineer (HK / Singapore)
- Master’s Degree / PhD in Electrical / Mechanical / Mechatronics Engineering with specialization in Control Engineering
- Strong control engineering fundamentals in classical and modern control methodologies
- Enjoy technical challenge of providing creative solution to complex engineering system
- The followings are preferred:
  - Proficient in MATLAB, C/C++ and real-time computer system
  - Familiar with system analysis and system odelling, particularly mechanical system dynamics, vibration, thermal process, motor, sensors and drive system
  - Hands-on familiarity with time domain and frequency domain instrumentation, i.e. scope, dynamic signal analyzers, modal analysis, laser sensors, accelerometer, etc.
  - A good hands-on problem solver, with analytical mind and attention to details
  - Experience in robust control and adaptive control
- Responsible for system design, system identification and odelling, control algorithm and application, servo tuning, trouble shooting to products and system validation
- Fresh graduates with relevant experience are also welcomed
- **Applicants with higher qualifications and more experience will be considered as senior positions**

### Manufacturing R&D Engineer (China Plant)
- Master’s Degree or above in Mechanical / CAE-related disciplines
- 2 years of working experience in the following fields are preferred
- Mechanical Design, Materials (Plastics or Metals), Castings or Injection Moldings, Composite Materials Development (Plastics or Metals)
- Good communication skills in English and Chinese
- Responsibilities:
  - Research activities in development of Designs and CAE in mechanical structural parts with advanced materials
  - New manufacturing processes development
  - New Materials research and development
  - System development and application
- Communicating with product, R&D and manufacturing teams to realize new manufacturing technologies and processes
- Occasional travel to China Plant is required (Company bus will be provided)

**Sales & Marketing**

**Customer Services Engineer**

- Degree or higher in Electrical / Electronic / Mechanical Engineering or relevant disciplines
- Strong interpersonal and communication skills with ability to work independently
- Frequent travel worldwide, mainly Greater China and Asian countries
- Technical position responsible for semiconductor packaging machineries installation, setting up, repairing and customer training

**Supporting / Manufacturing**

**Material & Production Control Planner (HK / Shenzhen Plant)**

- Degree in Business / Operations Management / Statistics / Engineering or relevant disciplines
- Strong interpersonal and communication skill and knowledge is preferable
- Working experience in manufacturing field is an asset
- Knowledge in SAP system is a plus
- Responsibilities:
  - Supporting the production planning and control, logistic flow of materials and production mechanisms
  - Coordinating with internal departments to ensure smooth production and on time delivery
  - Preparing production plan, implementing and controlling production schedule with all parties to monitor and control the progress
- For Shenzhen Plant, day trip is required (Company bus will be provided)

**Production Engineer (Shenzhen Plant)**

- Degree in Mechanical / Electronic / Electrical / Manufacturing Engineering or relevant disciplines
- Working experience in manufacturing field preferred
- Responsible for process monitoring and improvement, supporting functional testing, troubleshooting and designing test jig and fixture in the assembly line
- Station in Shenzhen Plant is required (Company bus will be provided)

**QA Engineer (HK / Shenzhen Plant)**

- Degree in Mechanical / Electronic / Electrical / Manufacturing / Industrial / Quality Engineering or relevant disciplines
- Working experience in manufacturing field preferred
- Knowledge of ISO9001 / Six-Sigma / 5S will be an advantage
- Responsible for supporting quality improvement projects, defining QA inspection procedures, resolving quality problem and handling customer complaints
- Frequent or Day trips to Shenzhen Plants is required (Company bus will be provided)
- Occasional overseas travel to Customer Site is required

**Analyst Programmer (MIS)**

- Degree in Computer Science / Information Technology / Information System or relevant disciplines
- 0-3 years working experience
- Good knowledge of computer programming techniques
- Experience in SAP & C# is an advantage
Knowledge in Java, Objective C, Swift or K2 BPM is a plus
Good team player and willing to learn
Responsible for supporting global business applications and working in SAP, SQL, MS .NET and/or Mobile Computing

System Analyst

- Responsibilities:
  - Technical development and project management for the IT supports
  - Developing SAP and Web application according to the user needs
  - Developing feasible systems to improve operations and office automation
  - Providing full spectrum of system support on all related in-house developed systems
  - Providing related system training to users
  - Providing system/application troubleshooting and improvement suggestion

- Requirements:
  - Degree in Computer Science / Information Technology / Information System or relevant disciplines
  - Minimum 7 years of programming experience and working experience in a manufacturing environment will be an added advantage
  - Working knowledge in SAP HCM will be an added advantage
  - Knowledge in SAP SuccessFactors solutions is a plus
  - Able to work independently and deliver results under tight deadlines
  - Programming skill in C#, Java, MS.net, SQL
  - High initiative and willing to learn

For more openings, please visit our website:
https://careers.asmpt.com/

Application Method:

- Interested applicants please apply via our company website:
  https://careers.asmpt.com/

Create your own account to stay updated with our Job Opportunities!

- Address
  12/F, Watson Centre, 16-22 Kung Yip Street, Kwai Chung, New Territories, Hong Kong

- For more corporate information, please visit:
  http://www.asmpacific.com