

Position: Application Engineer (R&D) / Research Application Engineer

I-Math Pte Ltd is a solution provider for high precision, mathematical and simulation software, and hardware solutions. Our solutions are catered for the R&D, engineering, manufacturing, and academic industry.

We are the sole authorized partner of COMSOL Multiphysics in Southeast Asia. Our markets include all S.E.A. countries including and not limited to Thailand, Philippines, and Vietnam.

Our clients include many of the top engineering and scientific teams throughout Singapore and the region. These range from start-ups to Fortune 500 companies to national labs, as well as academic research teams, covering a wide span of engineering disciplines.

ROLE

As an Applications Engineer, you perform the role of a Technical Application Consultant. The key focus is to provide technical advisory, support and evangelize the product offering during pre-sales support and post-sales support activities.

You will be the key to ensuring customer satisfaction and application support for the regional market. This position provides the opportunities to travel, work with engineers and leading academia, on leading edge designs and seal up design and product proposals.

You will be driving forward actions daily and providing recommendations on how to enhance market coverage, content improvements, customer experience and providing customers with the technical solutions to make more informed software adoption decisions.

This position offers an excellent opportunity to develop your technical career by exposing you to many of the latest developments of R&D and engineering. You will also be part of a team focused on driving new business expansion in the regional markets.

KEY RESPONSIBILITIES

- Analyze clients' technical requirements, to determine and advise the applicable COMSOL solution.
- Customized Multiphysics / numerical models to demonstrate the technical features of COMSOL to clients.
- Create application examples or other technical supporting materials as part of pre-sales application support.
- Prepare and deliver COMSOL product centric presentations at workshops to generate awareness and product conviction.
- Conduct training and lead consulting projects.
- Provide technical advisory for clients implementing Multiphysics simulation for their engineering problems in a wide variety of application areas.

REQUIREMENTS

- Master / Ph.D. degree in Physics or Engineering (preferably Mechanical or Electrical)
- 2-3 years' experience in research. Candidates with more years of experience will be considered for Senior / managerial position.
- Candidates with previous experience as Research Fellow, Scientist or similar capacity are preferred.
- Hands on experiences with commercial Finite Element Analysis (FEA) software such as COMSOL, Abaqus, Ansys, etc is a definite advantage.
- Practical experience in one or several of the following domains: Acoustic, Structural Mechanics, Thermal, Fluid, Electromagnetics, Photonics, Chemical Engineering or Electrochemistry.
- Candidates with strong background in computational methods have a definite advantage
- Willing to continuously learn knowledge from other engineering disciplines.
- Strong presentation skills with ability to communicate with confidence in a client-facing environment.
- Engaging personality, engineering curiosity and willingness for continuous learning.
- Fluency in English is required.

To apply, please write in with your CV to :

I-Math Pte Ltd

hr@i-math.com.sg

All visitors are required to wear a mask within the office premise and observe safe distancing measures.