Senior Applications Engineer

for MEMS Design Software
Paris Region

Coventor, Inc. (www.coventor.com) is the global market leader in design automation solutions for microelectromechanical systems (MEMS) and virtual fabrication of MEMS and semiconductor devices. Coventor serves a worldwide customer base of integrated device manufacturers, fabless design houses, independent foundries, and R&D organizations that develop MEMS-based products for automotive, aerospace, industrial, defense, and consumer electronics applications, including smart phones, tablets, wearables, and Internet of Things. Coventor's software tools and expertise enable its customers to save significant time and money by optimizing MEMS device designs and 3D fabrication processes and reducing the need for time-consuming and costly silicon learning cycles.

Mission

Do you enjoy plunging into new technical areas, tackling hard-to-solve problems, and teaching and collaborating with engineers? Do you have a strong background in MEMS sensors and actuators with experience in design and simulation? We are seeking a multi-talented engineer to provide pre- and post-sales support for our industry-leading MEMS design automation solutions. Working in an international environment, you will have the opportunity to work closely with leading MEMS companies and R&D centers on a wide range of MEMS devices. You will join our outstanding sales and support team and collaborate with our development organization to deliver best-in-class MEMS design solutions. Your compensation will be commensurate with your education and experience

Candidates profile

Required Qualifications :

- PhD degree in Electrical Engineering, Mechanical Engineering, or related field with focus on MEMS design, simulation and fabrication
- At least 3 years experience designing MEMS inertial sensors, RF MEMS, optical MEMS, MEMS microphones or related MEMS devices
- Experience with finite element analysis (FEA) using commercial software such as MEMS+, CoventorWare, ANSYS, COMSOL, or ABAQUS
- Experience with electronic design automation (EDA) tools such as Cadence Virtuoso, MATLAB and Simulink
- Familiarity with fundamentals of electronics and integrated circuits
- Proficiency with the Windows and/or Linux operating systems

- Team orientation with excellent interpersonal skills
  Excellent English communication skills, both verbal and written

Desirable Qualifications

- Professional work experience in MEMS design and analysis
- Thorough understanding of capacitive sensing and electrostatic actuation
- Strong understanding of multi-DOF electromechanical modeling and simulation
- Experience with MATLAB scripting and/or Python scripting

This regular, full-time position is located at our office in Villebon Sur Yvette, close to Paris and will require travel within Europe and Asia/Middle East. You must have the possibility to work in France. If you are interested, please email your cover letter and CV and resume to **job1839@coventor.com**.