

Opportunities at i2n Technologies

www.i2ntech.com

Role: Internship (Code: i2nmech_Int)
Project Associate (Code: i2nmech_PA)

Experience / Professional background:

Internship : Candidates pursuing Engineering education (3rd/4th year of Degree)
Project Associate. : 1 year professional experience

Education: Bachelors or Masters in Mechanical / Mechatronics Engineering. Candidates from Diploma along with a Degree qualification can also apply for Project Associate position.

Job Description: Internship | Project Associate engineer is a temporary/fixed term position that includes and not limited to research, design and to develop ElectroMechanical Systems for transducers. Activities may include Subsystem design, PoC-Prototyping, Design of experiment and testing, design/product benchmarking against technical specifications. Design of parts, sub-assembly and full-assembly with interfaces using advanced modelling techniques. Liaisoning with vendors/supplier to derive and communicate the requirements for machining/fabrication. The job involves a Systems engineering work, and needs an inclusive approach to collaborate with different branch of engineering - Electronics, Instrumentation and Systems to understand design/product requirements.

Skill sets: Design of mechanical components for functionality using fundamentals of mechanics, machine design and mechanism. Design for manufacturing, Selection of material and manufacturing processes. Proficiency in hand calculations as design validation exercise using fundamental principles is must. Ability to exercise accurate models and publication of drawings using standard CAD software while following geometric dimensioning and tolerances standards.

Desirable Skill sets: Comprehend research publications/Patents and product data sheets/application notes. Experience in designing mechanical/electromechanical components for products related to Sensors, Robotics, Instruments or Electronics Products. Experience in advanced materials, machining and joining processes. Interest to work on problems involving physics of Pressure/Flow or Aerodynamics. Fundamental of basic electronics/instrumentation.

Application Details:

Application can only be sent through an e-mail communications, specifying the following:

1. Code in **Subject line**
2. CV as an attachment with the file named as *Code_Your Name*
For example: i2nmech_PA_Your Name

Applications are acceptable **ONLY** if above requirements are addressed by e-mail at: careers@i2ntech.com