Internship opportunities at i2n Technologies
www.i2ntech.com

Function: Electronics Systems

Role: **Internship**
Internship Code: **I-E/2018/i2n**
Duration: **2-3 Months**

Working with Us: We are a small team of interdisciplinary engineering capabilities. We believe, and if lucky, will be able to contribute to some strategic needs of this country, through our products. We are fun to work with, and strongly believe on Freedom comes with Responsibility. We can be paramount in your goals if one is determined to adapt and learn. If you have it in you, we have opportunities to share and learn in building Hardware Products and Systems.

Internship description:
Electronics Systems Internship includes to explore and learn about electronics systems and hardware product design while contributing in the development. The work involves to study sensors interface, integration of sensors using break-out boards and making signal acquisition/interface. Execution activities demands experiments on design as Proof of Concepts. This includes exploring references on architectures, data sheets and application notes. Study on various sensor products in the market & applications, standard interfaces & IP landscaping will be needed.

There will be due emphasis on schedules, documentation and presentation. Being inclusive, adaptable with a strong blend of inquisitive thoughts is the basic requirement to qualify for the internship.

Required Skill sets:
• Strong fundamentals on basic building blocks (Analog & Digital) of electronics design
• Hand calculations to substantiate simple circuit designs
• Knowledge of Arduino boards / Programming techniques
• Measurement techniques - Function generator, DSO, Power Supply
• Hands-on building electronics hardware and usage of tools for board level implementation
• Core interest in an interdisciplinary engineering and product design
• Faster, smarter and better ways of mining study material on Sensor Interfaces and Electronics
• Excellent communication, presentation and documentation

Application Process:

Applications are invited from interested candidates **only** in their **final year** of education or towards completion of B.E/M.E (Instrumentation/Electronics) with an excellent and outstanding academic records. **Average marks obtained across all semester should be minimum of 75%**. Application can only be sent through an e-mail communications, strictly specifying the following:

1. Specify the Internship Code in both **Subject line** and as a heading in **Body text** of the mail
2. Specify in the Body text your **Average marks** as: *Average Marks=in %*
    *(*For Example, Average Marks=75%)
3. CV as an attachment with the file named as *Your Name_Internship Code*

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