



Farran Technology Ltd.  
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Cork, 08/05/19

## **Post: Senior Design Engineer in Engineering Department**

### **Introduction**

Farran Technology Ltd. (FTL) is an internationally recognized leader in the development of cutting edge millimeter-wave components and subsystems. Over its 40 years of existence the company has grown a reputation for pushing the boundaries of technology, performance and reliability, and built a world-class level of IP. The company has been serving both emerging and mature markets; with end-user applications covering Test & Measurement, 5G, Radar & Remote Sensing and Communications.

Farran Technology Ltd. is looking for a talented, result-driven professional to work closely with the multidisciplinary engineering team as a Senior Design Engineer. You will be at the forefront of R&D, developing components and subsystems based on various semiconductor technologies, for applications spanning 20 – 500 GHz frequency range, and be expected to venture and innovate in the space of emerging technologies as well.

You will be working with an organisation that places a great emphasis on well-being at work environment and personal development, with an opportunity to receive financial support for additional training through taught courses, subject to business needs. Farran Technology Ltd. offers fantastic benefits including half day Fridays, pension scheme and attractive remuneration. It is a rare opportunity to join an organisation that takes pride in its employees and ensures great work-life balance.

### **Key Responsibilities**

The post holder will report to Engineering Manager and will have the following responsibilities:

- Design, analyze and test RF/microwave/mm-wave components and subsystems
- Interface with and act as a technical manager for customers, vendors, partners and academic/R&D institutions

- Generate design and test reports
- Prepare product documentation
- Collaborate with Sales team to understand customer requirements and devise product specification
- Provide technical support for Sales & Marketing department
- Travel to exhibitions and conferences (occasionally)
- Prepare documents for grant applications

### **Qualifications**

- Masters or PhD degree in Electronics, Physics or equivalent
- Proven experience in specifying, designing and testing of RF/microwave and/or millimeter wave components and systems
- Proficiency in using electromagnetic and system modeling tools such as HFSS and ADS (preferably) or CST and AWR (alternatively)
- Ability to work as part of a small team as well as autonomously
- Knowledge and interest in mm-wave technologies
- Familiarity with test equipment such as spectrum analysers, VNAs, signal generators and power meters
- Comfortable working in a dynamic and fast-paced R&D environment
- Strong creative thinking ability
- Excellent work organization skills and self motivation
- Superb problem-solving skills
- Proficiency in English is essential, knowledge of a second language an additional asset

### **Employment conditions**

Farran Technology Ltd. offers a permanent full time contract and attractive salary package including Company's Private Pension Scheme. We offer a rare opportunity to join a well established mm-wave company with a strong R&D history and presence in the market. Starting date: 08/05/19.

An application containing a CV should be send to: [sales@farran.com](mailto:sales@farran.com).