

Institute of Technology, Tralee

Institiúid Teicneolaíochta, Trá Lí

Applications are invited for the following position:

Software Development Engineer

The Institute of Technology Tralee has established a world-class research centre in the area of Intelligent Mechatronics and Radio-frequency identification (RFID) i.e. The Intelligent Mechatronics and RFID Centre [The IMaR Centre].

The principal theme of the IMaR Centre is the synergy between mechatronics and RFID for industrial applications in the highly technological manufacturing industry driven by new technology, innovation and global demand. Mechatronics is a multidisciplinary field of engineering that includes a combination of mechanical engineering, electrical engineering, control engineering and computer engineering. Radio-frequency identification (RFID) is the wireless non-contact use of radio-frequency electromagnetic fields to transfer data, for the purposes of automatically identifying and tracking tags attached to objects.

The overall mission of the IMaR Centre is to be industries partner of choice for the provision of innovative applied research. The IMaR Centre will serve a cross section of industries including Automotive, Telecommunications, Pharmaceutical, Production / Manufacturing, Aeronautical, Environmental and Agri-business.

Minimum Qualifications

Applicants are required to have a minimum of a bachelor's degree in science/engineering or equivalent.

Candidates **must** demonstrate the following:

- Strong software design and development skills.
- Familiarity with current developments in the area of software development.
- Electronic Hardware design and fabrication
- Experience with, electronics; analogue, digital, embedded etc
- Experience working with both academic and industrial project partners.
- Strong knowledge of technological research strategies and trends in software research.
- Good organizational skills,
- An ability to manage resources.

The following skills would be desirable:

- Experience with 3D virtual reality software for design and development
- Familiarity with the academic research and industrial environments and willingness to contribute to the group as a whole to develop this and other projects.
- Self-motivated, reliable and hard-working

Job Role and Description

- The successful candidate will work on an Enterprise Ireland funded project in collaboration with an industrial partner.
- Responsible for the development and providing support of late stage prototype software system to industrial partners.
- Communicate with project partners on project requirements / deliverables.
- Create and deliver project documentation and present project deliverables to partners.
- Work with and manage other team members, including postgraduate and researchers as directed by the project lead.

Salary

This position is for 18 months. A salary of €30,502 per annum will apply to this post for the first year, rising to €31,083 per annum for the final 6 months, dependant on employee qualifications.

Application Procedure

All applications must be made online at www.ittralee.ie.

Location

This post is located at IMaR in the Institute of Technology, Tralee however occasional visits will be made to collaborate with Industrial and Academic Partners.

Interviews

Interviews will be held on Friday 15th September 2017

Informal enquiries **ONLY** may be addressed to Dr. Daniel Riordan, email:
Daniel.Riordan@staff.ittralee.ie

Closing date for applications is 12.00 noon on Friday 8th September 2017

Applications received after the closing date will not be accepted.