***Job Reference:*** ***3475923***

***UTRCI Software developer***

United Technologies Research Center (UTRC) delivers advanced technologies to the businesses of United Technologies Corporation (UTC). UTC (NYSE:UTX) is a diversified company that provides a broad range of high-technology products and services to the global aerospace and building systems industries. UTC's commercial businesses are Otis elevators and escalators and UTC Climate, Controls & Security, a leading provider of heating, ventilation, air conditioning, fire and security systems, building automation and controls. UTC’s aerospace businesses are Sikorsky Aircraft Corporation and the new UTC Propulsion & Aerospace Systems, which includes Pratt & Whitney aircraft engines and UTC Aerospace Systems aerospace products.

UTRC partners with UTC business units and external research organizations to expand the boundaries of science and technology through research and innovation, delivering technology options that meet and anticipate the needs of the marketplace.

Founded in 1929, UTRC is located in East Hartford, Connecticut (U.S.), with an office in Berkeley, California, and research and development centers in Shanghai, China, and Cork, Ireland.

United Technologies Research Centre Ireland, Ltd. (UTRCI) is UTRC’s European research hub, created to fully leverage a global network of innovation. UTRCI works with universities, research institutes, and industry throughout Europe and beyond to further its research and development mission. UTRCI invites qualified individuals to apply for the following position in its Cork office. A competitive compensation and benefits package will be provided to the successful candidates.

**Job Responsibilities**

UTRCI seeks motivated, innovative and creative software developer to work within a research group in developing and delivering technologies for next-generation commercial energy and security systems. In this position, the candidate will have a strong algorithmic background, experience with middleware development, scientific programming, GUI development and hardware interface programming. The selected candidate will work as part of technology teams in developing new technologies that will provide a competitive advantage for UTC’s business units.

The ideal candidate is a self-starter who works well in an international teaming environment, is extremely well-organized and has excellent interpersonal and communication skills.

**Education**

A minimum of a bachelor in Computer Science, Electrical or Computer Engineering with 5 years experience or Master in the same field with 3 years of relevant experience is required.

**Experience/Qualifications**

The ideal candidate will have experience in several of the following areas:

* Excellent programming skills using the following programming languages:
	+ Essential: C and/or C++
	+ Strong in both and expert in at least one of: C#, Java
	+ Preferable: Visual Basic, Python
* Proficiency with Matlab and scientific programming
* Proficiency in efficient data structure and algorithm construction
* Proficiency with multiple development environments: Eclipse, Visual Studio, etc.
* Gnu toolchain experience (e.g. gcc compiling, makefiles, parsing, linking etc.)
* Experience with code/interface integration between multiple systems/environments
* Experience in Middleware, SOA, Web Services (SOAP and REST)
* Experience in hardware interface programming is highly regarded
* Experience in RDBMS (e.g. Microsoft SQL Server, Oracle, PostgreSQL)
* Exceptional communication skills, demonstrated commitment to deliver results, adaptability and the ability to work in a team environment
* Ability to execute technology research plans to successfully achieve desired technical outcomes within time and budget constraints

In addition, experience in the following areas will be highly regarded:

* Experience in User Experience Design including Visual Design, Information Architecture, Interaction Design
* Experience in GUI desktop application development (using e.g. Swing, SWT, MFC, WinForms, WPF)
* Experience in Web application development using technologies such as DHTML (HTML, JavaScript, CSS), Flash, AIR, Silverlight

**Additional Comments**

This position is based at UTRC’s European hub in Cork, Ireland. To be eligible to apply, candidates must be legally entitled to work and reside in Ireland.

Candidates can apply online at: <http://www.utrc.utc.com/pages/Career/Job_openings.html> by selecting “Ireland” from the “Country” pull-down menu and clicking “Begin Search”

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