

# Senior Software Engineer

Intersoft Electronics is a Belgian engineering company active in the domain of air traffic control (ATC) and air-defence radar. It is our mission to create and deliver cutting edge solutions in these fields and enable our customers to achieve comprehensive and reliable radar coverage leading to safer airways. Our products and services are used worldwide thanks to our global presence with subsidiaries in Australia, the US and the UK. We are currently looking for a:

## SENIOR SOFTWARE ENGINEER

The Intersoft Electronics (IE) Research and Development Department (R&D) has a vacancy for a Senior Software Engineer with a strong System Architectural Design affinity. The R&D department researches new technologies to improve existing products, designs new products and solves problems for radar manufacturers, air traffic service providers and aviation authorities world wide.

## FUNCTION DESCRIPTION

- Analyze System and Product requirements to develop Software level requirements.
- Aid in the Software Architectural Design
- Code the software in C++, Python, ...
- Assist with software to system Integration
- Test and Verification, write Verification Cases and Test Procedures.
- Documentation of activities and results
- Long term Software Maintenance and Configuration Management
- Provide Technical Support to other departments

## PROFILE

- Minimum of a Master of Science in Computer Science or Computer Engineering
- Must be versatile and flexible
- Fluent in C++, Python and English
- Experience with Qt framework
- Good knowledge of computer architectures and electronics
- Preferably have team leading experience or be willing to take on such responsibilities
- Long term commitment
- Ideally have some background knowledge of Radar related physics and techniques or interested to acquire such knowledge



## OUR OFFER

You will join our dynamic R&D department and work aside technology experts. As IE designs systems for civil ATC we are obliged to follow the RTCA/DO-278A guideline on Systems Software Integrity Assurance. As a software engineer you will take part in the entire Software Life Cycle Process described by this guideline. You will initially report to the R&D department lead, depending on your interests and capabilities this role could grow to Software department lead or R&D department lead.

Your salary will be competitive and evolve according to your experience, commitment and results.

Please send your CV and a letter of motivation to [christiaan.torfs@intersoft-electronics.com](mailto:christiaan.torfs@intersoft-electronics.com).

