

Software Developer

TTI Tactical Technologies Inc., a subsidiary of Leonardo MW Ltd., is located in Ottawa Canada and supplies COTS electronic warfare analysis software and services.

TTI's Tactical Engagement Simulation Software (TESS) is a family of dynamic, closed-loop missile engagement software simulators written in MATLAB/Simulink that model the physical interactions between radar-guided and infrared-guided weapon systems, electronic countermeasures and target aircraft, ship and land platforms.

There is a full-time permanent opportunity for a **Software Developer** to participate in the ongoing development of TESS. The candidate will be involved in the full cycle of product development, including requirements definition, design, software development, testing, deployment and maintenance. The candidate must have strong written and oral communications skills.

Education:

Bachelor's degree in Computer Science, Computer/Software Engineering or equivalent from an accredited university.

Security Clearance:

It is a **condition of employment** that the successful candidate receive a Secret level security clearance. To obtain such a clearance, the candidate **must**:

- Be a Canadian citizen or permanent resident of Canada.
- Have lived in Canada continuously for the past 10 years.
- Not have a criminal record.

Responsibilities:

The successful candidate will be:

- Working in a small multi-disciplinary team of engineers and scientists
- Performing requirements analysis and preparing software specifications
- Preparing software design and test documentation
- Developing and testing software interfaces between TESS and external applications
- Interfacing with customers during all stages of a project life-cycle

Knowledge/Experience:

The following are considered essential:

- A minimum of 3 years of software development experience
- Strong software analysis and design skills
- Programming with C/C++ in Windows environment
- Developing simulation software

- Programming in MATLAB/Simulink (specifically S-functions)
- Availability for international travel

The following are considered as assets:

- BSc or MSc degree in math or physics
- Military/defense software development
- Developing parallel/multi-threaded and GPU applications
- Experience integrating open source software
- Experience with software version control
- Experience with visualization tools such as AGI's STK, SIMDIS or similar

To Apply:

Please submit a letter of application and résumé to:

careers@tti-ecm.com

About TTI Tactical Technologies Inc.

Tactical Technologies Inc. is an equal opportunity employer. Special needs of candidates with disabilities will be accommodated.

For more information, please visit www.tti-ecm.com