

Raytheon Canada Limited

At Raytheon, you'll take on projects that are positively impacting our world. Our **Waterloo** facility, located in Canada's Technology Triangle, is a registered Centre of Excellence in the field of solid-state air traffic control, primary surveillance radars and high frequency surface wave radar technology. Raytheon's commitment to its employees ensures you'll always be given the resources, challenges and opportunities you need to be a success in your current position or grow into a new role. At Raytheon, you'll be a valuable team member whose accomplishments and contributions will never go unnoticed. We offer competitive salaries and a comprehensive benefits package and we are an Employment Equity employer. Raytheon is committed to Employment Equity and we encourage and welcome a wide diversity of applicants.

SENIOR SYSTEMS ENGINEER II

Duties / Responsibilities:

- Perform requirements development, functional analysis, and requirements allocation
- Develop System Level architectures to meet program technical requirements
- Utilizing good research and analytical skills; evidence of the ability to exercise good technical judgment, perform analyses, simulations, and trade-off studies
- Applying good multi-disciplinary technology skills, including familiarity with: electronics, mechanical, and software design and development; systems engineering; and sustaining engineering in support of manufacturing, develop total system level power solutions including system power requirements, power budgets, selection of required power equipment, and develop required schematics, interfaces and interconnect drawings.
- Utilizing good communications skills; ability to listen effectively and assimilate complex sets of data; ability to express technical arguments, conclusions, and recommendations clearly and succinctly, both verbally and in writing; good technical writing ability, conduct requirements traceability, systems integration, validation and verification
- Develop Interface Control Documentation at System and Sub-System levels.
- Prepare and issue test plans, test procedures, and test reports
- With good interpersonal skills and the ability to interact effectively with people at all levels, conduct risk assessment and risk mitigation activities associated with program execution

Education / Experience / Skills Required:

- Bachelors Degree in Electrical Engineering or equivalent; advanced degree preferred.
- Related industry experience in electronics system design and development
- Experience in system definition, specification, implementation, test, verification and validation is preferred.
- Experience with UHF/VHF radio's, VCCS and radio antennas in an air traffic control environment is an asset.
- Experience with RF/microwave system design and fiber optic data transmission systems is an asset
- Experience with radar systems and associated test equipment such as test equipment including spectrum analyzer, peak power meters, network analyzers and oscilloscopes

- Experience with system power architectures utilizing commercial generators, UPSs and transfer switches.
- Experience with aviation IFR procedures and requirements is an asset.
- Willing to travel to support international business (usually 4- 8 weeks a year on average)

Electronic resumes may be submitted to wlo_hr@raytheon.com

Thank you for your interest in Raytheon Canada Limited. Only those candidates chosen for an interview will be contacted.

**Raytheon Canada Limited
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Waterloo, Ontario
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