



InField Scientific Inc.
Pointe-Claire, QC

ELECTROMAGNETIC ENVIRONMENTAL EFFECTS (E3) ANALYSTS (Entry Level & Intermediate)

Description

At InField Scientific, our team of engineers and scientists work together to provide electromagnetic (EM) expertise and analysis to support the design of navy ships. We work closely with governments and large multinational companies to analyze, assess and test shipboard electromagnetic environments (EME) focusing on electromagnetic interference (EMI), electromagnetic compatibility (EMC), antenna coverage and the control of RF radiation hazards. At InField, everyone is always learning and facing new challenges. Join us and you will become part of our small team of senior and young professionals who work together to tackle large complex problems. Much of our work takes place at our Pointe-Claire office developing computational simulations; and occasionally there are opportunities to travel and participate in shipboard tests and trials.

As an E3 Analyst, your responsibilities in the team include:

- Learning about and understanding shipboard RF systems;
- Computational electromagnetic (CEM) simulation of antenna and radar systems using state-of-the-art CEM software;
- Developing CEM models of ships and shipboard systems;
- Analyzing and assessing electromagnetic environments;
- Preparing and executing shipboard tests and trials;
- Preparing reports, and,
- Interfacing with our customers.

Qualifications

- Entry Level E3 Analyst: Degree in Electrical Engineering, Physics or equivalent;
- Intermediate Level E3 Analyst: Post Graduate degree (Masters or Ph.D.) or Five (5) years or more of relevant experience;
- Good understanding and appreciation of electromagnetic and antenna theory;
- Able to work in a small team with shared responsibilities;
- Good writing and communication skills, and
- Must meet the requirements to be eligible for Canadian Security Clearance and Controlled Goods Handling Certification; Must be a citizen of a NATO country, Australia, or New Zealand; Canadian Citizenship preferred.

The job posting is for full-time salaried employment. Candidates will be evaluated as the applications are received. Thank you for your interest in applying; only those applicants under consideration will be contacted.

Job Posting: November 26, 2020

Contact Information: info@infieldscientific.com