



Development Engineer

W.R. Davis Engineering Ltd. is a world leader in infrared stealth technology for the marine and aircraft industry. In support of our ongoing development activities in ship signature and infrared susceptibility analysis (ShipIR/NTCS)[™], we are in the search of candidates with a Bachelors or Masters degree in Mechanical Engineering, Electrical, and/or Systems Engineering with experience in one or more of the following areas:

- computer simulation and modelling
- Surface CAD modelling and mesh generation
- OpenGL programming
- software, model and algorithm development in C/C++

Responsibilities will include:

- Thermal infrared signature analysis (using ShipIR/NTCS)
- Further development of the CFD interface between Fluent [™] and ShipIR/NTCS
- Expansion of ShipIR/NTCS thermal model to full-transient analysis
- Improvements to the OpenGL rendering algorithms in ShipIR/NTCS
- Customer support (e-mail support, training, etc.)

Note: the candidate must be a Canadian citizen with at least 10 years of residency in Canada or another NATO country

Established in 1975, Davis is a high technology research, development, design and ISO 9000 manufacturing company with a number of defence-related and commercial products. ShipIR/NTCS is recognized internationally as a US-Navy and NATO standard. Davis infrared signature suppression hardware is designed and built into most new ships worldwide.

Please send resumes to: Recruiting
W.R. Davis Engineering Ltd.
1260 Old Innes Road, Ottawa, ON
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Or via email: recruiting@davis-eng.com