



Embedded Software Engineer – Embedded Logic Applications

October, 2011

FLYHT seeks motivated and creative software developers to fill multiple positions as Embedded Software Engineers on our – ELA teams. These positions are located in our Calgary, Alberta office.

Company:

FLYHT designs and develops products and services for the international aerospace industry. The company's patented technologies enhance safety, efficiency and profitability by providing real-time data communications to airline customers worldwide. FLYHT is based in Calgary, Canada and has service locations in the United States, China, Ireland, England, Switzerland, Dubai, India and Argentina.

Position Summary:

You will be part of a team of software engineers working on the support and maintenance of existing products as well as development of next generation products. You and your team will be responsible for developing and maintaining stable, production ready applications for non-RTOS and RTOS-based embedded systems. You will take part in multiple aspects of the software lifecycle, including requirements analysis, design, test, and implementation.

Senior individuals may participate in the oversight and mentoring of more junior team members, and may also contribute to the system architectural design & methodology.

Required Qualifications:

Minimum 5 years C/C++ experience in embedded systems development for data acquisition and processing products, including:

- Demonstrated proficiency with the design, implementation and troubleshooting of embedded applications and systems.
- Proven record of producing high quality technical work with minimal supervision.
- Work effectively as a team member as well as independently.
- Strong analysis and problem solving skills.
- Ability to rapidly acquire and apply domain knowledge.
- Demonstrated ability to produce documentation at various phases of the development process, including requirements, design, coding and testing.
- Excellent communication, interpersonal, technical and organizational skills.
- Proactive nature; willing to take initiative and seek challenges in new technical areas.

Education:

- A degree in Electrical or Computer Engineering, or Computer Science with an embedded systems focus; Technology diploma with relevant industry experience.

Additional Qualifications:

Knowledge in one or more of the following areas is an added advantage:

- Experience in developing aviation-industry software according to DO-178B Certification Standards.
- Experience in developing and debugging multi-threaded software.
- Experience with the GNU tool-chain, makefiles and scripting.
- Experience with the Visual Studio IDE.
- Experience in embedded development using Linux and/or Lynx OS.
- Experience with SVN, Hudson, Jenkins, DOORS and TestLink
- Knowledge and experience with various testing methodologies.

Application:

Send resume and cover letter to hr@flyht.com with the position name in the title of the email.