THINK SOLUTIONS ENGINEERING

Flight Software Engineer Position at Think Solutions Engineering

Think Solutions Engineering (TSE) is seeking to hire a full-time *Flight Software Engineer* to join our high-tech aerospace and defense (A&D) research and development (R&D) company. At TSE, you will work with a talented team to develop cutting-edge counter-uncrewed aerial systems (C-UAS) and support ongoing business initiatives in A&D.

Applications will be reviewed until the position has been filled.

Job Description

- Develop highly reliable software systems for UAS and the simulations required for validation
- Accountable for all aspects of software development, including design, testing, and integration
- Work closely with electrical, mechanical, and manufacturing teams to rapidly develop and iterate on designs
- Applications to both military and civilian hardware

Minimum Qualifications

- Minimum of a bachelor's degree in engineering, computer science, or related discipline
- Experience with real-time operating systems or embedded Linux

Preferred Qualifications

- 2+ years of professional experience in software development
- Proficiency in programming languages (Python, C/C++)
- Experience with embedded Linux platforms (SoM, SBC, etc.)
- Experience with computer vision or object detection based on neural networks (YOLO, etc.)
- Experience working with GPUs for machine learning
- Ability to work both independently and as a team in a highly demanding, fast-paced environment

Place of Work

The position will be in-person and is based in Calgary, Alberta, Canada.

<u>How to Apply</u>

Please send the following documents to the hiring manager at contact@thinksoln.com
- Cover Letter (attach as PDF)
  - Indicate if you are legally eligible to work in Canada
  - Summarize your background and abilities for this position
- Resume (attach as PDF)
  - Educational background
  - Relevant work experience
  - Specific technical skills