

Embedded Hardware Engineer Position at Think Solutions Engineering

Think Solutions Engineering (TSE) is seeking to hire a full-time *Embedded Hardware 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 hardware for control of UAS
- Drive electrical architecture, specification, component selection, circuit board design, implementation, verification, board bring-up, and debugging
- Work closely with software, 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 computer science, engineering, or related discipline
- Experience with circuit board layout and design
- Experience with embedded systems and hardware

Preferred Qualifications

- 2+ years of professional experience in embedded systems development
- Proficiency in programming languages (Python, C/C++)
- Working knowledge of standard hardware protocols (e.g. I2C, SPI, UART).
- Experience with sensors and actuators
- Experience with UAVs, UAV control systems
- Experience with sensor fusion (EKF, etc.)
- Experience with hardware for embedded Linux platforms (SoM, SBC, etc.)
- 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.

How to Apply

Please send the following documents to the hiring manager at contact@thinksofn.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