



ELECTRONICS HARDWARE DESIGNER

(Category: Permanent, Full-Time; Location: Chalk River, Ontario)

BTI is a dynamic company with world-renowned expertise in radiation detection, addressing applications in the defence, homeland security, space, industrial, and medical sectors. BTI is seeking a Senior Electronics Hardware Designer to support a full range of R&D, product development, and product support activities.

Candidates must meet the following profile:

- For security clearance requirements, candidate must be a Canadian, US, or UK citizen with a 10-year verifiable history and will be required to provide a criminal record check as a condition of employment.
- Minimum Bachelor's degree in Electrical Engineering, Computer Engineering, or Engineering Science/Physics from a Canadian university or recognized equivalent with a strong academic record. Relevant experience in electronics design or manufacturing is an asset.
- Proficient in circuit design (using tools such as Altium), circuit simulation, and knowledge of PCB layout, with expertise in principles such as high-speed design and EMI control.
- Ability to troubleshoot electronic circuits.
- Experience in selecting and programming FPGAs/CPLDs (VHDL preferred) and microcontrollers (C, C++).
- Experienced in the use of common tools such as oscilloscopes, signal generators, logic analyzers etc
- Able to generate clear and detailed technical documents, including design specifications, test procedures, quality documents, and technical reports/presentations. Must be proficient in Microsoft Word, Excel, PowerPoint.
- Excellent interpersonal and communication skills for interfacing with customers and working within a multi-disciplinary team of scientific, engineering, manufacturing, and management personnel.
- Must be creative, self-motivated, organized, receptive to constructive feedback, and able to learn quickly on a continuous basis.
- Must be willing and able to travel internationally on an occasional basis.

Interested candidates must electronically submit a cover letter, résumé, copy of relevant transcripts, and contact information for at least two professional references to:

Bubble Technology Industries
Attn: Human Resources, Ref. #ESD-11-2017-001
31278 Highway 17, P.O. Box 100
Chalk River, Ontario, Canada, K0J 1J0
E-mail: hr@bubbletech.ca

Only those candidates granted an interview will be contacted. No phone calls please.

Visit us on the web at www.bubbletech.ca