



COMPUTATIONAL PHYSICIST

(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 Computational Physicist to support a range of research and development activities, including product development and product support.

Candidates must meet the following profile:

- Due to security requirements, the candidate must be a Canadian or US citizen, or a permanent resident of Canada, and will be required to provide a criminal record check as a condition of employment.
- A bachelor's or higher-level degree in Physics or a closely-related discipline from a recognized university.
- Proficiency in C/C++/C# with a thorough knowledge of Windows operating systems.
- Aptitude for system-level troubleshooting.
- Strong configuration management and technical documentation skills.
- Excellent communication skills, both written and verbal, in English.
- Must integrate effectively with a multi-disciplinary team and thrive in a dynamic, technically-challenging environment.

The following skills/traits are considered an asset:

- Experience in hardware interfacing and embedded systems development.
- Familiarity with radiation detection instrumentation.
- Expertise and experience in computer modeling with codes such as Geant4 and/or MCNP.
- Experience in Linux, embedded Linux, and real-time operating systems.
- Experience with cluster/node-based computing.
- Experience with other programming languages or Android/iOS app development.
- Aptitude/interest in signal processing and/or electronic design.

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.# RD-08-2020-006
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.

Accommodations for candidates with disabilities are available on request.

Visit us on the web at www.bubbletech.ca