



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-01-2020-002
31278 Highway 17, P.O. Box 100
Chalk River, Ontario, Canada, K0J 1J0
E-mail: hr@bubbletech.ca

Submission Deadline: March 31, 2020

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