



601 West Cordova St.  
Suite #490  
Vancouver, B.C.  
Canada V6B 1G1

t: 604.689.1858  
f: 604.689.1758  
www.eventechnologiesinc.com  
TSX Venture: ETI

## *DSP and Algorithm Engineer*

Location: Downtown Vancouver  
Position: Full-time, permanent  
Salary: \$70,000 - \$100,000 based on experience

### EVEREN TECHNOLOGIES INC.

Even Technologies, a fast-growing company with leading edge solutions for video compression and delivery, is seeking DSP and Algorithm Engineers to join our Vancouver team. Driven by innovation, we are global leaders in video compression technology.

Even Technologies offers an open, adaptable work environment that encourages growth and development. As a company that is expected to grow quite rapidly, there is exceptional growth opportunity for employees seeking to expand their responsibilities through ambition, effort, success and skill development.

We are located downtown, right on the water, in the SeaBus Terminal/Waterfront SkyTrain Station building. Easy access to public transportation and a great patio with peek-a-boo views of the water and North Shore.

### THE POSITION

As a part of our technical department, this position will be well suited for those looking to use their skills to contribute to the success of our integrated IPTV systems through work on real-time hardware encoder and set top box platforms. We are looking for a team player, with excellent communication skills to facilitate team synergy. Key responsibilities will include:

- Develop and implement optimization techniques on DSP chips; System architecture design and implementation
- Use software mechanisms such as threads, event handling, IPC and semaphores in development
- Prevent defects such as race conditions, stack overflow and invalid pointer dereferencing.
- Utilize software concepts such as encapsulation, inheritance and modular code design
- Design innovative algorithms that will expedite and improve current design/implementations for porting and optimization responsibilities



601 West Cordova St.  
Suite #490  
Vancouver, B.C.  
Canada V6B 1G1

t: 604.689.1858  
f: 604.689.1758  
www.eventechnologiesinc.com  
TSX Venture: ETI

#### SKILLS & EXPERIENCE

- Software development background with excellent skills in C/C++ and asm intrinsics (MMX/SSE3)
- Bachelor's degree - CPSC or EE, PhD preferred.
- Experience with Linux development tools
- Experience with NXP TriMedia 3270, 3260 family of chips; TI DM642 is a bonus

#### TO APPLY

Sound like you? Please send your resume and cover letter to [jobs@eventechnologiesinc.com](mailto:jobs@eventechnologiesinc.com)

To view other career opportunities at Even Technologies, please visit

<http://www.eventechnologies.com/node/38>