

## HIGHLIGHTS OF QUALIFICATIONS

- Developed online and mobile games, contests, and website back-end for **Teletoon, YTV, Treehouse, TVO and The Knowledge Network**
- Created web development software tools for **Air Miles** website, enhancing production environment and significantly increasing workflow efficiency
- Developed advanced 3D Flash and Adobe Air applications for **Direct Antidote**, including company website
- Developed intuitive content management system and interactive world map for **Dell**
- Developed sophisticated scheduling applications for the **Royal Ontario Museum** and **Aramark** in Visual Basic and Excel
- Experience using Photoshop, Illustrator and Flash IDE for editing art and animations
- More than a decade of programming experience creating software and websites in AS3, Assembly, C, C++, CSS, HaXe, HTML5, Java, JavaScript, MySQL, OpenGL, Pascal, PHP and Visual Basic

## RELEVANT WORK EXPERIENCE

### Freelance Developer (November 2012 – present)

**Project:** Developing apps, websites and games for multiple clients.

**Platforms Developed for:**

- iOS, Android, HTML5, backend and WordPress development.

### Game Developer, Corus Entertainment (April 2011 – November 2012)

**Project:** Developed games for YTV, Treehouse, and Teletoon websites

**Technologies Used:**

- AS3, ASP/.NET, PHP, and MySQL for [game](#) development
- Tortoise SVN for source code management and uploading to sandbox

### Senior Developer, Teletoon.com (June 2010 – April 2011)

**Project:** Developed, directed, and integrated games, applications, contests, and backend solutions for [teletoon.com](http://teletoon.com)

**Technologies Used:**

- AS3, PHP, MySQL, XML, and HaXe for [game](#) and application development
- Amazon, Akamai, and Brightcove for video and file management

### Senior Developer, Direct Antidote / Air Miles (January 2009 – May 2010)

**Project:** Developed [Direct Antidote](#) website.

**Technologies Used:**

- AS3 and Flash for website which features transparent videos layered over 3D animation
- XML for dynamically-generated portfolio section
- HTML and CSS for page template

**Project:** [Local Developer](#), a local pre-production software used for creating web pages in English and French on [airmiles.ca](http://airmiles.ca)

**Technologies Used:**

- JavaScript, Ajax, HTML, and CSS to create local development environment for web publishers
- Features include project management, emulation of different sections of [airmiles.ca](http://airmiles.ca) website and local URLs, English-French translation of common web elements, as well as highlighting and automatic correction of improper HTML characters and links

**Project:** Designed and developed web pages and [microsites](#) for [Air Miles](#)

**Technologies Used:**

- JavaScript, Ajax, HTML, CSS, Flash, Photoshop, and ATG Content Management System for developing hundreds of dynamic web pages
- AS3 and Flash for creating microsites for clients such as BMO and American Express

**Visual Basic/Excel Developer, Aramark (May 2009 – August 2009)**

**Project:** Programmed dynamic forms to be used by health care industry

**Technologies Used:**

- Visual Basic and Excel to create forms which programmatically calculate a health facilities' preparedness for pandemic emergencies.

**Flash Game Developer, Ganz / Webkinz (May 2009 – July 2009)**

**Project:** Developed and maintained Flash games for [website](#) with over 16 million users

**Technologies Used:**

- ActionScript 2 and 3 for developing games and internal applications, including a GOD tool for monitoring chat rooms
- PHP, MySQL, and Electroserver (Socket-server) for accessing game database
- XML, JSON, and binary files for determining optimum speed for loading game data
- Tortoise SVN for code management

**Web Application Developer, Young and Rubicam / Dell (April 2009)**

**Project:** Developed [interactive map](#) that allows users to browse Dell's offices around the world, retrieve information and make appointments with contacts. Developed content management system which allows the administrator to modify the cities and contact information within the map.

**Technologies Used:**

- ActionScript 3 for interactive map viewer and content management system
- ASP and XML for loading and saving city information

**Visual Basic/Excel Programmer, Royal Ontario Museum (April 2008 – January 2009)**

**Project:** Developed and designed [Manager's Advantage](#) for the Royal Ontario Museum.

**Technologies Used:**

- Visual Basic as main application engine and to interact with user forms
- Microsoft Excel for displaying, loading and saving schedules
- HTML, CSS, JavaScript, Ajax, and PHP for online support and documentation

**C++ Developer, York University (May 1999 – December 1999)**

**Project:** Developed user-friendly software used to create complex 3D scenes composed of thousands of objects, for a university graduate project.

**Technologies Used:**

- C++, OpenGL and Cosmo 3D for constraint based 3D scene construction.

## EDUCATION

### Bachelor of Arts in Computer Science

*York University, Toronto, Ontario*

## INTERESTS

Guitarist/vocalist for a rock cover band

Avid reader of local news and active member of my community