

# ANDREW STEVENS

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20 Elsie Ln, Toronto, ON, M6P 3N9

416-799-3915, [andxyz.stevens@gmail.com](mailto:andxyz.stevens@gmail.com) [andxyz.com](http://andxyz.com)

## Education

**York University**—Toronto, ON  
*Specialized Honors in Computer Science*

## Skills

### Operating Systems:

- \*nix: Mac OSX, (Ubuntu, Cygwin, Red Hat, and Gentoo), Open Solaris, Windows: 98/2000/WinXP/Server2003R2/08R2/Vista/Win7

### Computer Languages:

- Proficient in Ruby, Java, sql, hql, mssql, jQuery, html, scss, css, Unix Shells, C, Regex, vba, L<sup>A</sup>T<sub>E</sub>X
- Familiar with node.js, backbone.js, Python, php, as3, xml, xsl

### Tools and Systems:

- Proficient in Sublime Text 2, Eclipse, Git, nginx, unicorn, ssh, Subversion, Tomcat, Apache httpd, firebug, javascript profiling
- Proficient in Photoshop, Illustrator, compressing web assets
- Familiar with OpenSSH, OpenVPN, Samba, Dtrace

## Experience

**IT Consultant** — Toronto, ON [andxyz.com](http://andxyz.com)  
*September 2012 – present*

- **Assist Small Businesses with Web Presence:** I administrate and setup software for small businesses. I suggest software solutions to their problems, and sometimes assist in implementing solutions. Google Apps, Wordpress marketing sites, and VPS server administration are routine tasks.

**Orbis Communications** — Hamilton, ON [orbiscommunications.com](http://orbiscommunications.com)

*Web Software Developer, University Co-op Portal Product: March, 2011 – September 2012*

- **Took Initiative to Build a Positive User Experience:** In believing that positive user experiences are the cornerstone of having quality software, I took the time to redesign the user registration process. Features of the new system included auto-completion for searching, client-side and server-side validation, and saving drafts to prevent users from losing their work. The final product was praised by our CEO and continues to be implemented for quick and easy registration.
- **Fast Learner and Enjoy Working in a Team:** I quickly learned a web framework and an object relational mapper (Spring and Hibernate, respectively) to make appropriate updates to the software that is released on a bi-monthly basis. At the same time, I followed Orbis' programming conventions for consistency in the code. I took pleasure in attending daily meetings with the software development team to report on my successes and challenges, and learn about future programming projects.
- **I Am Passionate about Exploring New Technologies:** Orbis kept finding itself with heavier client-side code, and wanted to take a different approach to a new mobile application. A javascript framework was needed, but which framework to choose? In my personal time I researched multiple frameworks, including but not limited to backbone.js, angular.js, and agility.js. Lively and in depth discussions with the senior developer lead to us to choose one of the frameworks I researched.

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**MEI International Academy** — Caledon, ON [meiacademy.com](http://meiacademy.com)

*Web Software Developer, Course Development LMS: January, 2007– March, 2011*

- **Drupal on Apache using PHP and Javascript:** I implemented a learning management website for teachers to collaborate and upload resources (lectures, assignments, media) to build digital course packs. These course packs were downloaded and converted using regular expressions to run locally on a student's laptop without the need for a web-server. In addition to database administration and programming, a strong understanding of javascript, PHP, and web technologies were needed.
- **PHP and jQuery on Apache:** I redesigned the company website to move away from a CMS that was severely limiting us as we moved towards more curriculum, video and image elements. I developed an interface element in jQuery to browse our courses more interactively. I used version control (git) to keep the site functioning and up-to-date.
- **Manage multiple CMS installations:** Prior to implementing more custom solutions I was tasked with maintaining and expanding third-party CMS installations.

**MEI International Academy** — Caledon, ON [meiacademy.com](http://meiacademy.com)

*System Administrator: June, 2004– March, 2011*

- Maintained local Windows Server 2003 R2: performed backups, setup LAN, network printers, connected and maintained databases.
- Maintained remote Solaris web server and documented its configuration.
- Installation and maintenance of Customer Management and Accounting Management Systems. Maintaining these systems has taught me to troubleshoot installations requiring MSSQL and the .Net Framework, using windows support documentation and online problem solving sites like Stackoverflow and Experts-exchange.
- Assisted users with problems, and wrote tutorials and documentation.
- **VBA on office 2003, WinXP and OSX:** I created a high school course marking application that used MS Excel as the basis via VBA Macros. The program allowed for ease of use when creating course marking, via automated mark calculation, and provided features for making report cards from templates. This was my first attempt at utilizing VBA on a large scale, I highly recommend cpearson.com.

## Activities

- Member of Toronto Ruby Brigade
- Mentor at Ladies Learning Code Workshops
- Participated in Toronto Indie game Jam for the past three years to explore other programming languages. [www.tojam.ca](http://www.tojam.ca)
- Enjoy reading Software Engineering/Design related blogs