ANDREW STEVENS

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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, LaTeX
- Familiar with nodejs, backbone.js, Python, php, as3, xml, xsl

Tools and Systems:

- Proficient in SublimeText2, Eclipse, Git, Subversion, Tomcat, Apache httpd, nginx,
  unicorn, ssh, firebug, javascript profiling
- Familiar with Samba, OpenSSH, Dtrace

Experience

IT Consultant—Brampton, ON – 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
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 our software that is released on a bi-monthly basis. At the same
  time, I followed Orbis' programming conventions for consistency in the code. I take
  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.

MEI International Academy—Caledon, ON – 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 coursepacks. These course packs are then downloaded and converted using regular expressions to run locally on a student's laptop without the need for a webserver. 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 severly 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
System Administrator: June, 2004– March, 2011

– Maintain local Windows Server 2003 R2: perform backups, setup LAN, network printers, connect and maintain databases.

– Maintain remote Solaris web server and document 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.

– Assist users with problems and write 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.

Achievements and Activities

• Member of Toronto Ruby Brigade

• Mentor for Ladies Learning Code

• Participated in Toronto Indie game Jam for the past three years to explore other programming langauges. www.tojam.ca

• Enjoy reading Software Engineering/Design related blogs and History of Computing.