ANDREW STEVENS

44 Nipissing Cres., Brampton, ON, L6S 5A3   *905-457-1858, andxyz.stevens@gmail.com*

Education

York University—Toronto, ON
Specialized Honors in Computer Science, Graduated: June, 2008

Skills

Operating Systems:

- Linux (Ubuntu, Cygwin, Red Hat, and Gentoo), Mac OS X, Open Solaris,
  Windows 98/2000/WinXP/Server2003R2/08R2/Vista/Win7

Computer Languages:

- Proficient in Java, sql, hql, mssql, jQuery, html, Regex, scss, css,
  Unix Shells, C, vba, LaTeX
- Familiar with Ruby, nodejs, Python, Perl, php, as3, xml, xsl

Tools and Systems:

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

Experience

Orbis Communications—Hamilton, ON
Web 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:** Since new technologies
  can make a big difference in productivity and efficiency. In my personal time I am
  constantly looking out for new and interesting software that can be implemented at
  Orbis and for personal projects. For example, although Orbis uses subversion, my
  unique interest in version control software and knowledge of git enabled me to pinpoint
  a particular bug in Orbis' software and easily come up with a workable solution.

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MEI International Academy—Caledon, ON
Web Developer: January, 2007– March, 2011

- **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 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.
- **Drupal on Apache using PHP and Javascript:** I implemented a CMS 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.
- **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
System Administrator: June, 2004– March, 2011

- **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.
- 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.

Achievements and Activities

- Participated in Toronto Indie game Jam for the past two years to become familiar with new platforms. www.tojam.ca

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

- Manage a heterogeneous home network and family server (2000-present).

- Best JEE Ecommerce Site in 4th Year University Class (group project).