Simon Law

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Soft skills:

- Speaks English natively. Adores the written word.
- Able to form structured and convincing logical arguments.
- Facilitates groups well, encouraging creative ideas and solid decisions.
- Excellent presentation skills. Fluent technical writer.
- Loves to teach, both in a classroom and tutor-student setting.

Application programming:

- Application languages: Python, C++ with STL, C
- Scripting languages: JavaScript, Bourne shell, sed & awk, Perl
- Macro languages: M4, TEX, LATEX
- Markup languages: XHTML with CSS, XML
- Declarative languages: SQL 99, GNU make
- Functional languages: Emacs Lisp

System administration:

- Proficient with Ubuntu and Debian GNU/Linux system administration.
- Proficient with Amazon Web Services (EC2, S3)
- Proficient with Mercurial, Buildbot, FogBugz, TWiki
- Familiar with Mac OS X.

Network administration:

- Familiar with Intrusion Detection Systems and Vulnerability Assessments. (nMap, Snort, Nessus)
- Implemented Virtual Private Networking solutions. (PPTP, L2TP, SSH)
- Understands TCP/IP suite of protocols. Includes proficiency with routing, packet filtering, and proxying.

Work Experience:

Akoha Inc.; Drunken Master; Montréal — *April 2007 – Present*

- Co-designing the Akoha website, from database schemas to user experience.
- Developing the Akoha website, from the Django backend to the web frontend.
- Building an automated staging and deployment system for the Akoha website.
- Contributes to the Django web framework, both to the core software and third-party modules.
- Maintains the Mercurial Forest extension, which allows nested repositories to act as one.
- Built the core development infrastructure, including bug tracking, wikis, source control, build system, automated testing, and continuous integration.
- Managed customer service and fulfillment issues.

Canonical Ltd.; Quality Controller; Montréal — *April 2006 – February 2007*

- Started the Quality Assurance department for Ubuntu 7.04 (Feisty Fawn)
- Developed training materials and policies for triaging bug reports for a large GNU/Linux distribution.
- Ran online seminars and managed the IRC channels to build a team of enthusiastic volunteers who triaged over 300 bug reports per day.
- Co-ordinated with Customer Support and Hardware Certification teams to escalate key issues to Development.
- Co-designed apport, a generic, automated crash reporting tool that collects debugging information from users' systems.

Net Integration Technologies; Drunken Master; Montréal — *September 2003 – April 2006*

- Acted as Release Manager for our Free Software offerings. Packages our software for the Debian Project.
- Acted as Project Manager for Nitix for SAGE Accpac ERP.
- Advocated products and technologies at various conferences and organisations.
- Coded network and user-interface software in C++ using the WvStreams library for the Net Integrator product.
- Developed and maintained UniConf, a universal configuration system.
- Architected and designed a clustered, automated test harness for the Nitix operating system.

Maplesoft, a division of Waterloo Maple Inc.; Toolsmith; Waterloo *January 2003 – April 2003*

- Maintained scripts to build Maple on 8 different platforms.
- Designed and implemented an end-to-end build system in Apache Ant.

Bank of Montreal; IS Security Analyst; Toronto *September 2001 – August 2002*

- Helped design a network security appliance merging Debian, nMap, Snort, ACID, Nessus, PostgreSQL, SSH, Netfilter.
- Wireless (802.11b) vulnerability assessments and external penetration testing.
- Designed a data warehouse for reporting purposes, and did a first phase implementation.

Education:

University of Waterloo, Waterloo *September 1999 – April 2004*

- B.ASc. in Computer Engineering with an Option in Software Engineering.

EWA–Canada CanCERT, Ottawa *September 2001*

- Completed an Intrusion Detection Systems and Incident Response course.

Random facts:

- Worst vice: bad puns
- Best vice: throwing dinner parties
- Hobbies: teaching, cooking, eating, photography, attending concerts, coding, reading, electronics, writing, mail and news.
- I am a Free Software advocate and a GNU contributor.
- I have a meagre set of web pages at `http://sfllaw.ca/~sfllaw/`
- I have a not-so-meagre weblog at `http://sfllaw.livejournal.com/`
- I have a volumnous photo album at `http://flickr.com/photos/sfllaw/`
- Stalk me online at: `http://google.com/search?q=sfllaw`