

# Steven W. J. Brown

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**Profile** Computer Science (Co-op) graduate looking to expand skill-set as a Developer in a fun environment. Passionate about art, games, the web, user-experience (UX), and work flow.

**Education** **Bachelor of Science (Computer Science)** **Spring 2007**  
**Co-operative Education Program**  
University of British Columbia, Vancouver, BC

**Diploma of Computing Science** **Fall 2002**  
Capilano College, North Vancouver, BC

**Technical Skills** **Programming:** C/C++, Python, Django, HTML, CSS, Javascript, AJAX, Java, Perl, Ruby (Rails), SQL, Shell Scripting, VBA

**Other:** Linux, TCP/IP, UDP, Pthreads, Git, Bzr, UML, RegEx, OpenGL, Office

**Work Experience** **Developer** **Dec 2007 - Present**  
Personal Projects (available on website) [Ongoing]

- Early stages of learning Django to develop a web application. (not public)
- Panel applet for the GNOME desktop environment, *File List Applet*.
- Small plugin for the Rhythmbox music player.
- Contribute to open source software (OSS) via bug reports, discussion, documentation.

**Operations Analyst** **Sept 2013 - Present**  
Health Canada, Environmental Health Services **Oct 2012 - May 2013**  
(now under First Nations Health Authority) **April 2009 - March 2011**  
Vancouver, BC [2+ years]

- Created complex spreadsheets that automated user work-flow and generated data for upload.
- Administered web-based water quality software.
- Designed lessons and documentation, trained individuals how to use web-based software.
- Created complex performance report tables.

**Program Assistant** **Dec 2007 - June 2008**  
Health Canada, Environmental Health Services [7 months]  
Vancouver, BC

- Wrote an application in Python to help a co-worker with data entry.
- Manipulated web application with Javascript for efficiency.

**Developer (Co-op) - HSBC Bank Canada** **Sept 2005 - May 2006**  
Vancouver, BC [8 months]

- Wrote a Javascript module and accompanying technical documentation to fix an Internet Explorer usability issue. Now on all recent HSBC Internet banking websites.
- Wrote tools in Perl to help create static prototypes of dynamic websites.

**Developer (Co-op) - SANYO Electric Co., Ltd.** **June 2003 - May 2004**  
Anpachi-cho, Anpachi-gun, Gifu, Japan [11 months]

- Added simple network functionality to existing software.
- Wrote basic network software that interacted with MPEG2 Program Stream files.
- Principles and applications of multi-threading, and bit-level concerns.

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Educational Experience	<b>Project Manager - CPSC 319</b>	<b>Winter - Spring 2007</b>
	Led a team of five through the life cycle of our Ruby on Rails web application.	
	<b>Distributed Systems - CPSC 416</b>	<b>Fall - Winter 2006</b>
	Simulated a network of computers deciding unanimously on a single coordinator.	
	<b>Computer Communications - CPSC 417</b>	<b>Spring - Summer 2005</b>
	Wrote a TCP/IP Web Server (HTTP 1.0) using Posix threads, and UDP chat protocol.	
	<b>User Interface Design - CPSC 444</b>	<b>Fall - Winter 2004</b>
	Redesigned the user-interface to a wrist watch using an additional component.	