

# D. Burke Libbey

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CONTACT INFORMATION	181 Campbell Street Winnipeg, MB R3N 1B4	1.204.232.1160 burke@burkelibbey.org http://burkelibbey.org
TECHNICAL EXPERTISE	Proficient with Windows, Mac, and Linux environments. Fluent in Ruby, JavaScript, $\text{\LaTeX}$ , English, PHP, SQL, X/HTML, and CSS. Conversant in C, MATLAB, Java, Python, Clojure, and others.	
EDUCATION	<b>B.Sc. Computer Engineering</b> <i>University of Manitoba</i>	<b>Ongoing</b>
WORK	<b>Chromium 53 Consulting, Winnipeg, MB</b> <i>Partner</i>	<b>August 2008 – Present</b> Started and operated a business specializing in software development, design, and consulting for the World Wide Web; Administered several development and production web servers, hosting dozens of client domains; Collaborated with partner, contractors, and clients to create visually appealing, standards-compliant, and highly dynamic web applications tailored specifically to each client's needs.
	<b>TRLabs, Winnipeg, MB</b> <i>Researcher, Assistant System Administrator</i>	<b>April 2008 – Present</b> Conducted a technical feasibility study on the implementation of a large-scale Wi-Fi network to encompass a significant portion of Winnipeg, and compiled the results into a report for delivery to the client; Installed and configured Microsoft Exchange to replace the existing mail infrastructure across each of the five TRLabs locations in Western Canada; Developed a contact and event management system using the Ruby on Rails framework.
	<b>University of Manitoba Learning Technologies Centre</b> <i>Digital Resource Developer</i>	<b>June 2007 – September 2008</b> Implemented the Ruby on Rails framework to construct an open-source community extension to an existing online peer-reviewed journal system; contributed to the University of Manitoba's Virtual Learning Commons;
	<b>Self</b> <i>Freelance Web Developer</i>	<b>2006 – 2008</b> Worked closely with clients to develop fully standards-compliant designs; implemented an industry-leading CMS to create functional, maintainable systems.
	<b>It's Time/Web Designs, Neepawa, MB</b> <i>PHP Programmer</i>	<b>2006</b> Made extensive use of PHP in several projects; implemented a PHP/MySQL shopping cart system on top of existing site software.
	<b>Hamel Computer Sales and Service, Minnedosa, MB</b> <i>Webmaster</i>	<b>2004 – 2006</b> Developed and maintained websites for 20+ clients and managed several internal projects. Constructed a complete eCommerce system from the ground up using PHP/MySQL.

SERVICE	<ul style="list-style-type: none"> <li>• Director of Electronic Communications, U of M Engineering Society, 2007 – Present</li> <li>• Secretary, U of M IEEE Student Branch, 2007 – Present</li> <li>• Computer Manager, U of M IEEE Student Branch, 2007 – 2008</li> <li>• Karate Instructor, Minnedosa Karate Club, 2001 – 2004</li> <li>• Web Developer, Minnedosa Chamber of Commerce, 2004</li> </ul>
PROJECTS	<ul style="list-style-type: none"> <li>• UM IEEE High Performance Cluster (<a href="http://hpc.umieee.com">http://hpc.umieee.com</a>)</li> <li>• UMES Textbook Exchange (<a href="http://text.umes.mb.ca">http://text.umes.mb.ca</a>)</li> </ul>
AWARDS AND ACCOMPLISHMENTS	<ul style="list-style-type: none"> <li>• 1st in Manitoba, ACM International Collegiate Programming Contest Regionals, 2007.</li> <li>• 3rd Kyu, Shotokan Karate (Brown Belt).</li> <li>• Various karate tournament awards in kata, kumite, and team kumite events.</li> <li>• Medallion for Academics throughout high school (2003 – 2006).</li> </ul>
REFERENCES	<i>Available on request.</i>