D. Burke Libbey

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, LaTeX, English, PHP, SQL, X/HTML, and CSS.
Conversant in C, MATLAB, Java, Python, Clojure, and others.

EDUCATION

B.Sc. Computer Engineering

University of Manitoba **Ongoing**

WORK

Chromium 53 Consulting, Winnipeg, MB

Partner **August 2008 – Present**

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.

TRLabs, Winnipeg, MB

Researcher, Assistant System Administrator **April 2008 – Present**

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.

University of Manitoba Learning Technologies Centre

Digital Resource Developer **June 2007 – Present**

Implemented the Ruby on Rails framework to construct an open-source community extension to an
existsing online peer-reviewed journal system; contributed to the University of Manitoba's Virtual
Learning Commons;

Self

Freelance Web Developer **2006 – 2008**

Worked closely with clients to develop fully standards-compliant designs; implemented an industry-
leading CMS to create functional, maintainable systems.

It's Time/Web Designs, Neepawa, MB

PHP Programmer **2006**

Made extensive use of PHP in several projects; implemented a PHP/MySQL shopping cart system
on top of existing site software.

Hamel Computer Sales and Service, Minnedosa, MB

Webmaster **2004 – 2006**

Developed and maintained websites for 20+ clients and managed several internal projects. Con-
structed a complete eCommerce system from the ground up using PHP/MySQL.

SERVICE	• Director of Electronic Communications, U of M Engineering Society, 2007 – Present
	• Secretary, U of M IEEE Student Branch, 2007 – Present
	• Computer Manager, U of M IEEE Student Branch, 2007 – 2008
	• Karate Instructor, Minnedosa Karate Club, 2001 – 2004
	• Web Developer, Minnedosa Chamber of Commerce, 2004
PROJECTS	• UM IEEE High Performance Cluster (http://hpc.umieee.com)
	• UMES Textbook Exchange (http://text.umes.mb.ca)
AWARDS AND ACCOMPLISHMENTS	• 1st in Manitoba, ACM International Collegiate Programming Contest Regionals, 2007.
	• 3rd Kyu, Shotokan Karate (Brown Belt).
	• Various karate tournament awards in kata, kumite, and team kumite events.
	• Medallion for Academics throughout high school (2003 – 2006).
REFERENCES	*Available on request.*