

I love programming && open source

Open Source

"If I have seen further, it is by standing on the shoulders of giants" – Isaac Newton

From processors, compilers, kernels, to browsers. Programming is about building on the work of others. Open Source embraces this fact and leverages it. Open Source is about inviting anyone onto your shoulders.

Since 2010 I've been contributing to the Openprinting workgroup.

Foomatic	Primary contributor to Foomatic 5.0 series. Added support for sqlite backends. Rewrote XML backend replacing 10k lines of code with 2k and improved performance. In 2011 as part of the GSOC program Google funded my foomatic contributions.	2010-12 to 2012-04
libjtapi	Primary developer. Libjtapi is the reference implementation of the Free Standard Group's Job Ticket API, jtapi. My work is being done under Google's Summer of Code program.	2012-03 to Present

Web development

I have done substantial web development on both a personal and freelance basis. Combined, the sites I have programmed receive over **420,000** visits per month as measured by Google Analytics.

My effort is typically split evenly between backend and frontend while most projects leverage Wordpress and jQuery.

gamecrazy.com hollywoodvideo.com moviegallery.com	Did all backend and initial front end programming. Every hour popular content is aggregated based on social media signals. All three sites use the same engine with site specific configuration.
marilynmonroe.com	Developed to beat flash on its own turf with large full screen backgrounds and brand perfect fonts. The theme was created from a client supplied PSD.
necaonline.com	Did all major programming including migrating 1000s of images, products, and posts from proprietary ruby backed site.
smrsimple.com	Since launch in 2009 we have served over 150,000 visitors over 1,300,000 pageviews, and over 100,000 map downloads.

Education

GPA as of end of second year: 3.44

University of Calgary	Bachelor of Science in Computer Science Software Engineering concentration	2010-09 to Present
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Skills

Computer Languages:

- C
- Perl
- PHP
- Java
- Javascript

Tools:

- Perl DBI
- SQLite
- Unix cli
- SSH
- rsync

Platforms:

- Linux
- Android
- Web

Web:

- jQuery
- Wordpress
- HTML
- CSS

Human Languages:

- English
- Japanese (下手)



Resume in **PDF**



Resume in **HTML**

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