

MAXWELLCARTER

3A Computer Engineering | University of Waterloo

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🔗 <http://github.com/maxcarter>

Skills & Qualifications

- HTML, CSS, JavaScript, jQuery, AngularJS, Node.js, GruntJS, Yeoman, PHP, Python, Perl, JSP, MySQL Mongo DB, ElasticSearch, Jasmine, Selenium, Action Script 3.0, JSON, YAML
- Java, Android, C, C#, C++, Bash, StackStorm, Mistral, ARM Assembly Language, VHDL
- Experience with Agile / Scrum Software Development Life Cycle
- Experience developing REST APIs and Routing Engines
- Cognizant of HTTP requests and JavaScript Promises
- Knowledgeable about various software algorithms and data structures
- Experience using Git version control
- Excellent communication skills (English & French)
- Effective team member requiring minimal supervision

Work Experience

Systems Software Development Student *BlackBerry Ltd. (Sept. 2015 – Dec. 2015)*

- Developed a consolidated messaging single page web application in AngularJS for reducing cycles while normalizing communications for the BlackBerry Network Operations Centre.
- Helped define a scalable model-view-controller architecture for a PHP RESTful API solution to predefined endpoints.

Systems Software Development Student *BlackBerry Ltd. (Jan 2015 – April 2015)*

- Contributed to the BlackBerry Service Assurance Solutions team by participating in the creation of a unified event-driven automated platform for managing alert workflows using various DevOps micro-services and StackStorm integrations.
- Developed a single page web application admin tool in AngularJS and a PHP REST API for managing the BlackBerry Network Operations Centre's monitoring wall.

Front-end Developer Intern *20-20 Technologies (May 2014 – July 2014)*

- Utilized the JavaScript MEAN development stack to create a dashboard single page web application to be used for testing many aspects of their industry leading interior design software.
- Worked in collaboration with the Quality Assurance department to help improve the existing testing automated pipeline.

Flash Developer *SooToday.com (June 2012- Sept. 2013)*

- Worked with Adobe Creative Suite 5 and Action Script 3.0 to design and develop animated Internet advertisements for various local companies.

Webmaster *Self Employed (July 2010 – Sept. 2013)*

- Designed, developed, and maintained various websites for local companies.
- <http://saultstemarielawyers.com>, <http://cesiras.com>, <http://willsoncarter.com>, <http://lomascarpentry.com>

Personal Projects

Portfolio

- <https://github.com/maxcarter/Portfolio>
- An online visualization of my resume presented as a personal website portfolio developed using HTML, CSS, jQuery and PHP.

REST-UP

- <https://github.com/maxcarter/REST-UP>
- A customizable PHP Representational State Transfer (REST) Application Program Interface (API) and custom PHP Routing Engine designed to provide a quick set of tools for developers to quickly build their own backend API.

Quick: The Agile Ticketing System

- <https://github.com/maxcarter/Quick>
- An integrate work-order, sprint planner, and issue tracker ticketing system developed from scratch using the JavaScript MEAN development stack, designed to improve Agile Software Development.

Code-Bat

- <http://code-bat.com>
- A basic programming tutorial website designed and developed from scratch in High-School using HTML, CSS, jQuery and PHP. The goal of the site is to provide online tutorials, tips, and tricks for various programming, as well as be a place to experiment with new web technologies.

Education

- Candidate for BAsC in Computer Engineering at the University of Waterloo, Waterloo ON (2013-Present)
- Superior Heights C&VS, Sault Ste. Marie ON (2010-2013)
- Sir James Dunn C&VS, Sault Ste. Marie ON (2009-2010)

Awards & Achievements

- President's Scholarship, University of Waterloo (Sept. 2013)
- Certificate of Excellence in Computer Science, Superior Heights C&VS (June 2013)
- Computer & Business Award, Superior Heights C&VS (June 2013)
- Ontario Scholar (High School Honour Roll Student)
- Bilingual Certification in French as a second language (June 2013)

Extracurricular Activities

- Hockey, University of Waterloo Advanced Intramurals (2012-Present)
- Hockey, Sault Major Hockey Association (2009-2013)
- Hockey, Soo Pee-Wee Hockey Association (2001-2009)
- Music, Violin (1999-Present)
- Tennis