Maxwell Carter

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Overview in

- **Excellent communication skills (English & French)**
- Effective team member requiring minimal supervision
- Looking for a four month technical co-op placement
- Passionate about web development
- Over 5 years experience working with web technologies
- Background creating responsive websites, data-driven web apps, and interactive web based games
- Interested in Cloud Computing (IaaS, PaaS, SaaS)
- Experience developing RESTful APIs
- Proficient with MacOS, Windows, and Linux / Unix

Technical Skills ⬤

- **Front-End:** HTML, CSS, SASS, Bootstrap, Semantic UI, JavaScript, jQuery, RequireJS, AngularJS, ReactJS
- **Back-End:** Node.js, PHP, JSP, JSON, YAML, XML
- **Databases:** MySQL, Maria DB, Mongo DB, ElasticSearch
- **Programming:** Java, C, C#, C++, Python
- **Mobile:** Android, iOS - Objective C
- **Quality Assurance:** Karma, Jasmine, Selenium, qUnit
- **UI / UX:** Adobe Photoshop, Adobe Illustrator, Sketch
- **Productivity:** NPM, Webpack, Grunt, Bower, Yeoman, Jenkins, StackStorm, Bash, Puppet, Git, Mercurial

Experience

SMART Technologies Software Developer Intern   Calgary, AB, May 2016 - Aug. 2016

- Designed and developed an interactive web based educational game for SMART Boards that placed first in the company wide intern project competition and will be included as part of the next SMART Lesson Activity Builder release.
- Redesigned the SMART Lesson Activity Builder iOS native application for a new sign-in workflow that reduces the time required for students to join an activity from their devices.
- Developed various features and stability improvements to the SMART Lesson Activity Builder game engine.
- Built a student progress tracker in ReactJS and Node.js during the SMART Exemplary Educators Summit Hackathon.

BlackBerry Software Development Student   Waterloo, ON, Sept. 2015 - Dec. 2015

- Developed a consolidated messaging web application in AngularJS that reduces cycles while normalizing communications for the BlackBerry Network Operations Centre.
- Created a scalable Model-View-Controller architecture for a PHP RESTful API solution to predefined endpoints.

BlackBerry Systems Software Development Student   Waterloo, ON, Jan. 2015 - April 2015

- Created a composable Software Defined Infrastructure and an event-driven automation platform for managing BlackBerry service alert data using automated workflows with various DevOps micro-services and StackStorm integrations.
- Developed a web application admin tool in AngularJS with a PHP RESTful API for managing the BlackBerry Network Operations Centre's monitoring wall.

2020 Technologies Front-End Developer   Montreal, QC, May 2014 - July 2014

- Built a dashboard web application, using the JavaScript MEAN development stack, for testing many aspects of 2020 Technologies' industry leading interior design software.
- Collaborated with the Quality Assurance department to help improve the existing testing automated pipeline.

SooToday.com Flash Developer   Sault Ste. Marie, ON, June 2012 - Sept. 2013

- Worked with Adobe Creative Suite 5.5 and Action Script 3.0 to design and develop animated Internet advertisements for various local companies.

Education

Candidate for **BASc in Honours Computer Engineering** at the University of Waterloo, Ontario (2018)

www.maxwellcarter.com