

Maxwell Carter

University of Waterloo

3B Computer Engineering

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Overview

- **Excellent communication skills (English & French)**
- **Looking for a 4 month internship**
- Passionate about web design and development
- Intrigued by Cloud Computing (IaaS, PaaS, SaaS)
- Over 5 years experience working with web technologies
- Knowledgeable about various software algorithms and data structures
- Background in Agile, Scrum, and Kanban software development life cycles
- Experience developing RESTful APIs and Routing Engines
- Keen eye for UI / UX focused design
- 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
- **Digital Hardware:** VHDL
- **Quality Assurance:** Karma, Jasmine, Selenium, JUnit, qUnit
- **UI / UX:** Adobe Photoshop, Adobe Illustrator, Sketch
- **Automation:** NPM, Webpack, Grunt, Bower, Yeoman, Jenkins, StackStorm, Bash, Puppet
- **Version Control:** Git, Mercurial, SVN

Experience

SMART Technologies **Software Developer Intern**

Calgary, AB, May 2016 - Aug. 2016

- Designed and developed a web based educational game for SMART Boards that emphasized learning while encouraging class participation. The game won the company wide intern project competition and will be a part of the next release.
- Developed various features and stability improvements to the SMART Lesson Activity Builder game engine.
- Redesigned the SMART Lesson Activity Builder iOS native application for a new identity workflow.
- Helped build a student progress tracker in ReactJS and Node.js during the SMART SEE Summit Hackathon

BlackBerry Systems **Software Development Student**

Waterloo, ON, Sept. 2015 - Dec. 2015

- Developed a consolidated messaging web application in AngularJS for reducing cycles while normalizing communications for the BlackBerry Network Operations Centre.
- Participated in the creation of 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 unified 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

- Used JavaScript MEAN full-stack development to create a dashboard web application to be used for testing many aspects of 2020 Technologies' industry leading interior design software.
- Worked in collaboration 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 and Action Script 3.0 to design and develop animated Internet advertisements for various local companies.

Education

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