

# Christopher Marcotte

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## Skills

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**Languages:** Java, C/C++, Python, JavaScript/HTML/CSS, PHP, SQL, Bash, C#, R, Swift, JSON, XML

**Tools & Technologies:** Docker, Kubernetes, Git, Jenkins, Maven, RHEL/Debian, RESTful/SOAP, JIRA, Azure Cloud

## Work Experience

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### Application Developer

SUN LIFE FINANCIAL

Waterloo, ON • May 2019 - Present

JavaScript, Java/J2EE, SQL

- Performed full-stack development and design of new features for web application interacting with multiple cloud web-services and relational databases
- Collaborated with senior developers and business leaders to implement infrastructure changes across environments
- Developed new features tracked in Jira, merged using git source control, and deployed using Jenkins build server
- Created new unit and E2E tests using JUnit and Selenium to ensure proper code coverage for new features

### Software Engineer

NCR CORPORATION

Waterloo, ON • Jan 2018 – Sept 2018

Java, Docker, Kubernetes, Bash

- Developed new features for backend APIs used in production to perform transactions from various interfaces
- Deployed completed features to Docker images run in Kubernetes multi-node clusters utilizing automated build server
- Active member of PI/Sprint planning and design discussions within large scale Agile Scrum continuous integration (CI)
- Incorporated OAuth2 security features using JWT token information and enabled security across Java Spring Boot microservice stack
- Collaborated with QA development team to create unit and integration tests ensuring complete business cases
- Updated AngularJS proof of concept (POC) application used to showcase new features to the client

### Software Developer/Technician

RISOLV IT SOLUTIONS

Guelph, ON • Apr 2017 – Sept 2017

PHP, JavaScript, HTML/CSS, Python

- Designed, created, and implemented new company-wide software to streamline internal time-tracking and ticketing
- Projects were created using mainly PHP, JavaScript, HTML, CSS, Powershell, Python, SQL and required the use of both RESTful and SOAP based APIs to interact with existing systems
- Developed scripts to improve efficiency of data-intensive repeating tasks or XML configuration file changes

### IT Support Specialist

McKELLAR STRUCTURED SETTLEMENTS

Guelph, ON • Apr 2016 – Dec 2016

Visual FoxPro, TCP/IP

- Debugged and resolved defects in Visual FoxPro language for internally developed software
- Gained extensive networking knowledge maintaining & upgrading company-wide network infrastructure
- Assisted in web development process during overhaul of company website

## Education

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### Bachelor of Computing, Computer Science Honours (Co-op)

UNIVERSITY OF GUELPH

Guelph, ON

Sept 2014 – May 2019

- Entrance Scholarship from University of Guelph for Exceptional Grades
- Dean's Honour List

## Projects

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**Final Space Blasters** iOS 2D Space Shooter game

iOS, Swift, Spritekit

**UNameIt** Web app created to practice full-stack JavaScript development

React, Node.js, MongoDB

**Website/Home Lab** Currently run network of servers for personal hosting

HTML, CSS, JS, jQuery, ESXi, Docker