

Christopher Marcotte

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Skills

Languages: Java, C, HTML/CSS/JS, Python, PHP, SQL, Bash, Swift, JSON and XML Formatting

Tools & Technologies: Docker, Kubernetes, Git, Jenkins, JUnit, RHEL/Debian, RESTful/SOAP, JIRA, ESXI/Proxmox

Work Experience

Software Engineer

NCR CORPORATION

Waterloo, ON

Jan 2018 – Sept 2018

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

Software Developer/Technician

RISOLV IT SOLUTIONS

Guelph, ON

April 2017 – Sept 2017

- Designed, created, and implemented new company-wide software which integrated a time-tracking program with internal ticketing system
- Projects were created using mainly PHP, JavaScript, HTML, CSS, Powershell, SQL and required the use of both RESTful and SOAP based APIs to interact with existing systems
- Developed scripts for both clients and for internal company projects 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

- Gained extensive networking knowledge maintaining & upgrading company infrastructure
- Assisted in web development process through overhaul of company website

Education

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

UNIVERSITY OF GUELPH

Guelph, ON

Sept 2014 – Jun 2019

- 2014 Entrance Scholarship from University of Guelph for Exceptional Grades
- Dean's Honour List

Projects

Medication Adherence Tracker *Designed for Community Living Cambridge*

Java, Android, Node.js

Context-Aware Budgeting App *NCR Hackathon 2018 runner-up*

Java, Android

Final Space Blasters *iOS 2D Space Shooter game*

iOS, Swift, Spritekit

Website/Home Lab Network *Collection of DEV environments and services*

HTML/CSS/JS/jQuery/ESXI/Docker