

# JAKOB CHISHOLM

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## SKILLS

**Languages:** C#, Java, Javascript, HTML / CSS, Python, databases (MS SQL / MySQL / MongoDB)

**Methodologies:** Agile / Scrum, Git / SVN version control, software testing (unit / integration / system / regression)

## EMPLOYMENT HISTORY

### **Software Developer (4 month co-op)**

LoyaltyMatch, Kitchener, ON

*May 2019 - August 2019*

- Containerized existing back-end systems with Docker and migrated to Google Kubernetes Engine, cutting down on server costs and simplifying the update and deployment process
- Assisted with Apache Tomcat server administration on CentOS virtual machines

### **Software Developer (4 month co-op)**

Siemens Healthineers, Kitchener, ON

*January 2019 - April 2019*

- Assisted in development of healthcare software including a web-based medical imaging scheduling system with a Java EJB back-end and a .NET application for managing radiologist workflows
- Developed a Node.js metrics tool to retrieve and display internal development statistics from Jira through its REST API
- Collaborated as part of an Agile team using the Atlassian stack (Jira, Confluence, Fisheye, Crucible)
- Delivered bug fixes, fulfilled change requests, and assisted in the development of new features
- Modified stored procedures and wrote database upgrade scripts

### **Software Verification Specialist (8 month co-op)**

Siemens Healthineers, Kitchener, ON

*May 2018 - December 2018*

- Wrote test cases and procedures to perform integration, system, and regression testing
- Used FlaUI and Selenium to write automated tests following the Page Object Model design pattern
- Made extensive use of SQL Management Studio to diagnose and verify database issues by writing queries
- Managed internal build servers and deployed updated products for internal testing

## PROJECTS

### **Fire Emblem Inspired Game**

- A 2D tactical strategy game with sprite graphics (C#, Monogame framework)

### **Video Game Store**

- An MVC web application for purchasing virtual game licenses (ASP.NET Core, SQLite)
- Cooperative semester-long project with three other team members

### **Property Rental Platform**

- A project consisting of a REST API and a web front-end for viewing and renting vacation properties (Node.js, React, MongoDB)
- Cooperative semester-long project with two other team members

## EDUCATION

### **Computer Programmer/Analyst**

Conestoga College, Waterloo, ON

*January 2017 - April 2020*

- Dean's Honour List recipient