Christopher Leung

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Purpose

Searching for an internship as a software developer during the Fall session (Sept – Dec 2017)

Skills

- Proficient in Java, C, C++, VBA
- Familiar with SQL, HTML5, CSS, JavaScript, Racket, Python, Matlab
- Experience using Unix, Bash, Vi, Git, SVN, Cygwin, Eclipse, Android Studio

Work Experience

MDM Software Developer Co-op - IBM Canada   *Sep 2016 – April 2017*
Markham, ON

- Implemented system to automate posting installer verification results into Slack.
- Created a database backup program to assist in Selenium automation.
  - Expected to save over 10 hours of script maintenance per week for the QA team.
- Designed a system that automatically posts results of build tests onto the team dashboard.
- Implemented semaphore API to prevent concurrency issues with multiple servers.
- Integrated multiple UI Build Verification Tests into the CI Pipeline.
- Extensively tested and reported software bugs for the installer team.
- Technology Used: Shell Script, Java, php, JavaScript.

Assistant Consultant Co-op - The Goal Getters Associates Inc.   *Jan - Apr 2015*
Toronto, ON

- Took initiative to create Excel macros in company workbooks to automate work hours recording.
- Created using a comparison algorithm to detect inconsistency in client billing information.
- Used: VBA, Excel, Freshbooks API.

Projects

HarmoMe

- Working on an app that generates a new song from an existing playlist by using Magenta (Tensorflow).
- Currently a work in-progress project.

Leftovers made at *MLH Local Hack Day 2016*

- Built an app that efficiently suggests recipes from popular websites given ingredients. Made with HTML5, CSS, and JavaScript.

Reversible Paint App

- Created a paint application that replays stroke history using a real-time input capture system. Coded with Java (Swing) and used the MVC paradigm.

Education

University of Waterloo - *Waterloo, Ontario*   *Sep 2013 - Present*
  Bachelor of Computer Science with Business Option, 4th year
Wilfrid Laurier University - *Waterloo, Ontario*   *Sep 2013 - Aug 2015*
  Bachelor of Business Administration