Christopher Leung

11 Begonia Street, Ontario L6E 0N3 | C: (647) 838-2033 | E: cg2leung@edu.uwaterloo.ca | www.ChristopherLeung.ca

Skills

- Working Knowledge: Java, C, C++, Shell Script, VBA.
- Basic Knowledge: SQL, HTML5, CSS, Javascript, Racket, Python.
- Technologies: Unix, Vi, Git, SVN, Cygwin, Eclipse, Android Studio.

Experience

IBM Analytics, Software Developer Co-op (8 months)   *Sep 2016 - Present*

- Currently planning a system that can automatically log software exceptions with a modified Naïve Bayes.
- Planned and created scripts to integrate UI Build Verification Testing and reporting into the CI Pipeline.
- Extensively tested and reported software bugs for the installer team.
- Created a database backup program to assist in Selenium automation.
  - Expected to save over 10 hours of manual script maintenance per week.
- Collaborated with a team to develop a system that compiles and mails BVT results from CI Servers.
  - Implemented locking mechanism to prevent concurrency issues dealing with multiple CI servers.
- Used: Shell Script, Java, Maven, Cygwin.

The Goal Getters Associates Inc., Assistant Consultant Co-op (4 months)   *Jan - Apr 2015*

- Took initiative to create Excel macros in company workbooks to optimize team workflow.
- Automated client billable hours and schedule recording.
- Assisted in reverse engineering client data mapping process for duplication.
- Used: VBA, Excel, Freshbooks API.

Projects

Leftovers Web App made at *MLH Local Hack Day*   *Dec 2016*

- Led a team to build a web app that tackles the problem of cooking with limited ingredients.
- An app that efficiently suggests recipes from popular websites given leftover ingredients.
- Used: HTML5, CSS, JavaScript

Teaching App made for *Elements of Knowledge Canada*   *May 2016*

- Repaired and refined a quizzing program to assist teachers in marking.
- Used: Java, SQL

Photo Viewer Mobile App Used: Android Studio, Java   *Apr 2016*

- Constructed a simple photo viewing application for android devices.

Paint Application Used: Java (Swing), MVC paradigm   *Feb 2016*

- Created a paint application that captures user input and replays stroke history in real time.

Education

University of Waterloo - *Waterloo, Ontario*   *Sep 2013 - Present*

Candidate for Bachelor of Computer Science with Business Option, non-coop

Wilfrid Laurier University - *Waterloo, Ontario*   *Sep 2013 - Aug 2015*

Bachelor of Business Administration, co-op (Voluntary transfer into Computer Science)

Coursera - Machine Learning, Stanford University (In progress)

Clubs & Community

Executive of *University of Waterloo Piano Society*   *Winter 2014*

- Displayed collaboration skills by arranging general meetings and end of term concert.

Ontario Volunteer Service Award given by the *Government of Ontario*   *Summer 2015*

- Awarded for 5 years of continued volunteering commitment to The Cross-Cultural Services Association.