

Leo Liu

3B Computer Science (Data science option) | University of Waterloo 20608581 | 416-830-8548 | rjliu@uwaterloo.ca

Summary of Qualifications

- Exceptional skilled in front-end programming languages such as **HTML5, CSS3, JavaScript, React, Redux**
- Familiar with back-end programming languages such as **C, C++, Java, Android, AngularJS**
- Hands-on **SQL** experience and able to program with various data-focused languages such as **Python, SAS, R**
- Confident analyzing Business Requirements and accessing impact with existing Database Architecture
- Experienced with working with **Linux/Unix and Shell**
- Thorough Understanding of Computer Architecture, Operating Systems, and Data Structures

Work Experience

Teradata Corporation

- **Data Scientist** Jan. 2018 – April. 2018
 - Involved in multiple banking projects to analyze fundamental data information based on clients' needs as well as discovering hidden patterns using Logic Regressions, Clustering technique and so on.
 - Developed various python programs for Social Network analysis such as transaction chains, guarantee ring and so on in order to analyze from different perspectives.
 - Responsible for implementing mobile-platform web report for final presentation.

Genesys Laboratories Canada Inc.

- **Front-end Developer** May. 2017 – Aug. 2017
 - Developed various features of WFM (workforce management) mobile project using Java and XML.
 - Responsible for bugs fixing across all front-end projects with JIRA.
 - Implemented automation testing for mobile projects using Selenium and BrowserStack.

Purolator Inc.

- **Web Developer** Sep. 2016 – Dec. 2016
 - Developed wireframes and implemented for over one hundred official pages using HTML5, CSS3 and JS.

Personal Projects

- **Analysis report in html5 format** Jan, 2018 - Feb, 2018
Website Link: <http://leo2swag.github.io/>
 - Final analysis report displayed in web format using HTML5, CSS3, Javascript
 - Report contains dynamic elements such as line charts or bubble charts and the report format can be adjusted in response to the size of the screen for the best display effect.
- **“Carpool” Android Mobile application** Jan, 2018 - present
SourceCode repo : <https://github.com/leo2swag>
 - Android application that's designed in people of two (including me) which provides all students across Canada with a Carpool Platform that allows them to communicate and make deals with each other both effectively and efficiently
- **Various Python/C++ applications for multi-purpose scripts and customized games** Sep, 2017 - present
SourceCode repo : <https://github.com/leo2swag>
 - Various applications/programs developed in either python or C++ languages such as “Hangman”, “CC3K”, “Liar Dice” and so on. <https://github.com/leo2swag/referenceLetter>

Highlights

SAS Certified Base Programmer

May, 2018

- Achieved in SAS Global Certification Program and obtained the Base Programmer Certificate with **95%** average

Genesys Laboratories Canada Inc (<https://github.com/leo2swag/referenceLetter>)

- Referenced by the senior director for solid programming skills

• **Website Manager for Actuarial Science Club, University of Waterloo**

May. 2016 – Aug. 2016

- Ensure club website functionality and perform daily updates for Actuarial Science Club