

## SUMMARY

- Mastered in Java and C with extensive experience and excellent understanding of data structures, algorithms and object-oriented design.
- Extensive work experience in developing large distributed and parallel systems, web applications, and large enterprise-level software systems under a Unix/Linux/macOS environment.
- Interested and capable of learning other coding languages as needed.
- Great working proficiency and excellent communication skills in verbal and written English as a native speaker.
- Eligible for TN-1 visa under NAFTA as a Canadian Citizen.

## WORK EXPERIENCE

### Software Engineer

08/2019 – current

Guidewire Software Inc.

- Quickly adapted to new programming languages including Gosu, a general-purpose JVM based programming language developed by Guidewire.
- Perform bug fixes for Guidewire's Product Content Analysis using Gosu.
- Maintain existing and create new TeamCity pipelines that produce executable content that reflects the ISO updates for continuous integration.
- Implement new features and perform bug fixes for multiple projects that used by the above pipeline using Java, Gosu and other internal tools.
- Write new and maintain existing selenium tests for browser testing.
- Quickly and accurately identify and debug through an unfamiliar massive codebase that made up of dozens of projects with different tools.
- Upgrade existing software and infrastructure to newer versions of platforms including JDK, Gradle, Selenium, etc. with Docker deployment.
- Supporting other off-shore teams shows great communication skills.

### Application Developer

05/2017 – 09/2018

Canadian Imperial Bank of Commerce

- Implemented a Hadoop PoC project that is capable of completing map-reduce requests and data transfers from and to RDBMS. Gave my recommendation, introduction and risk evaluation to the delivery team.
- Composed sequence diagram for information flows and processes
- Came up data warehouse/mart classification standard intended to better track the source of inconsistent data.
- Led a project team with seven team members, finished two team projects with excellent feedback. Got rated as "Exceptional" as a final evaluation.

### Web Developer

07/2015 – 09/2015

Qingdao Micro Wisdom Info-Tech Co. Ltd

- Implemented using open-source JavaScript Libraries and cheap map data.
- The project provides Map Display, location lookup and routes finding with PostgreSQL hosting local data and deployed with Docker on Azure

## EDUCATION

### Honours Bachelor of Science Degree

09/2015 – 08/2019

- Specialist (Co-operative) Program in Computer Science
- Software Engineering Stream
- University of Toronto

## SKILLS

Core Java  
C/C++  
HTML/CSS  
RESTful APIs  
NoSQL/SQL  
Hadoop  
GIT/SVN  
Linux/Unix  
Docker  
NodeJs  
Unix Shell

## PROJECTS

Web-based map without reference any 3<sup>rd</sup> party reference call

Online Trip Organization App that provides schedule for entire trip.

Neuro Nets that recognize handwriting digits.

## AWARDS

2018 Q2 CIBC Top Achiever

Toronto Secondary School Chess League 2012 Bronze

## VOLUNTEER

Imani Highschool Mentor that helps local high school student with school work

First Year Experience Mentor that help first year computer science students

High school chess instructor