

## SKILLS

### Technologies/Languages/Tools

Java, Python, SQL, JavaScript, Assembly, C, Git, Maple, Angular, Node.js, Amazon Web Services, Google Cloud Platform

### Finance

Knowledge of: Financial markets (structure), Derivatives, Equity Valuation, FX & Equity Trading

### Soft

Experience working independently and as part of a team  
Strong analytical/problem solving skills

## EXPERIENCE



**Engineer, Data & Analytics** Toronto, ON | March-Present

- Google Cloud Platform
  - Implemented a customer matching pipeline using Google Cloud Dataflow
  - Wrote complex analytical queries against Data warehouse (Big Query)
  - Technologies used: Google Cloud Dataflow (Apache Beam), Big Query, Google Compute Engine
- Amazon Web Services
  - Developed various tools to migrate an on-premise cluster to AWS (Example: script used to copy data from on-premise HDFS to S3)
  - Technologies used: S3, EMR, Hadoop (HIVE)



**Bank**

**Developer, CTS**

Waterloo, ON | September-December 2016

- Member of the development team responsible for building a savings and investments web application that was to be integrated within bank wide platform
- Utilized HTML, CSS, & JavaScript (AngularJS) to implement functional changes and add new features
- Ensured mapping of business requirements against the application

### OPENTEXT Business Intelligence Developer

Waterloo, ON | September-December 2015

- Remediated SQL Server data pull issues arising from various causes (indexing, network issues, & source system modifications)
- Created and modified Stored Procedures, Tables, Script Components, Views, & SSIS packages for new and existing data pulls from source system databases to Business Intelligence databases
- Decreased the time of an SQL Server data pull which updated a database containing comprehensive sales information for internal reporting by 75%



**RBC Royal Bank**

**Technical Systems Analyst**

Toronto, ON | January-April 2015

- Monitored server builds generated through RBC's automated tool and handed over after reviewing, applying updates, and scanning
- Provisioned Virtual and Physical production servers for internal clients based on specific requirements for various applications



**Project Associate**

Markham, ON | May-August 2014

- Assisted the front and back offices during functional testing by uploading test cases into ALM (Application Lifecycle Management) software and recorded the results with findings
- Generated weekly progress reports on deliverables completion, requirements mapping, & functional testing progress

## EDUCATION

**Wilfrid Laurier University**

Waterloo, ON | 2012-2017

**Honours Computer Science & Business Administration (BSc/BBA)**

- Dean's Honour Roll, 2016-2017: GPA of at least 10.00 during final year
- Finance Option: Financial Markets & Trading, Derivatives, Investment Management, Personal Finance
- Co-op Option, PepsiCo Pitch Competition Semi-finalist, Laurier Entrance Scholarship