

Skills

Languages: Java, C++, SQL, Scala, Python, Javascript, HTML/CSS
Technologies: Hadoop, Tableau, Spring MVC, JQuery, ORMs (Hibernate), Solidworks

Experience

Java Developer | PointClickCare

Sept 2016 – Dec 2016

Mississauga, ON

- Designed data-driven dashboards using **Tableau** for over 13,000 customers to view their analytics and integrated them into the **Java/Spring MVC** web application
- Developed pattern to import and export data from **SQL Server** to **Hadoop** using **Spark (Scala)**
- Built architecture for a **RESTful API** web service to govern over the company's data model

QA Analyst | PointClickCare

Jan 2016 – May 2016

Mississauga, ON

- Wrote test automation scripts for functional and regression testing using **Selenium** and **TestNG**
- Developed SQL scripts in **SQL Server** for data quality testing

Technical Student | Toronto Hydro

May 2015 – Aug 2015

Toronto, ON

- Updated financial models used to forecast electricity consumption and responsible for processing monthly invoices to bill over 740,000 customers
- Automated scheduled spreadsheet processing with **Excel VBA** and extended existing macros to deliver more efficient solutions

Projects

vS Data Reaper

Jan 2017 – Present

- Collaborated with a team of engineers to redesign their website as well as **Tableau** dashboards for users to better visualize data

Hearthstone Collection Manager

Dec 2016

- Designed **ETL** process and web application for a card collection manager for Hearthstone using **PostgreSQL**, **Hibernate** and **Java**

TrakRecord

Mar 2016

- Co-developed a marathon assistant **Android** app using Bluetooth and beacon technology to periodically provide location specific race information and post race analytics
- Built using **Estimote IoT beacons**, **Bluetooth LE**, **Google APIs** and **Firebase**
- 1st place for WearHacks Cossette Sick Kids Challenge

Ask 6ixGod

Jan 2016

- Co-created an **Android** app that finds the best matching Drake lyric to respond to questions asked by the user, leveraging the **Indico.io** machine learning API and **Parse**

Translaid

Nov 2015

- Translates sign language to text using gesture recognition software with the **Myo** Armband

Education

University of Waterloo

Systems Design Engineering | Class of 2020

- Ranked top 10 in class of over 90 students
- Relevant Courses: Programming, Digital Computation, Digital Circuits, Data Structures and Algorithms, Human Factors in Design

Dec 2014