

# Samuel Yuyitung

User focused developer interested in emerging technologies

## Skills

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### Languages

Java	HTML
C++	JavaScript
Python	Bash

### Technologies

Android	Spring MVC
Node.js	Flask
Ember.js	Docker
MongoDB	AWS
SQL	Git/Mercurial

### Methodologies

SCRUM  
Design sprints  
User centered design  
Lean validation

## Interests

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- Avid mountain biker and runner
- Enjoys hiking and canoe tripping

## Education

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University of Waterloo  
Systems Design Engineering  
Sep 2015 – Apr 2020

## Contact

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## Work Experience

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### CIBC Live Labs

Sep 2016 - Dec 2016

#### Innovation Engineer

- Redesigned CIBC Live Labs website ([cibc.live](http://cibc.live)) using a modern web framework with a product owner and designer
- Architected and implemented a RESTful API service to provide financial data and machine learning notifications to an Android app using Spring and PostgreSQL
- Introduced continuous integration and deployments to AWS for all projects using Bash and Docker

### Cirba Inc.

Jan 2016 - Apr 2016

#### Software developer

- As part of an agile team, worked with product owner to implement enhancements for a cross-platform installer for Cirba's enterprise software product
- Enhanced installer to detect and backup modified files during software upgrades, validate local Java version as well as creating a patch installer

## Projects

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### Foosbot

Nov 2016

- Created a slack bot that allows users to challenge each other to a game of foosball, track their results and view their skill level on an elo ladder
- Built with NodeJS and Firebase
- Adopted by CIBC Live Labs to track foosball play

### TrakRecord

Mar 2016 - Sep 2016

- Co-developed a marathon running assistant Android app using Bluetooth and beacon technology to periodically provide location specific race information and post race analytics
- Built with Estimote IoT beacons, Bluetooth LE, Google maps API and Firebase
- Responsible for connecting the app to a Firebase backend and creating the handshake between the beacons and the Android app
- Selected as a winner at Wearhacks Toronto 2016

### Ask the 6God

Jan 2016

- Co-created a virtual tarot Android app that answers questions in the form of Drake lyrics
- Built using the Indico.io machine learning API and Parse
- Responsible for creating lyric database on Parse and implementing Indico.io API to return the most relevant lyric for the users question