

# Sam Yuyitung

## Work Experience

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### TribalScale Inc.

May - Aug 2016

Agile software engineer

- Engaged in extreme programming practices such as pair programming and test driven development to deliver a release to each client every week
- Redesigned music streaming iOS application for a major American media corporation to increase user experience and functionality
- Rearchitected Android application using new Android Architecture Components to increase modularity and reach 80% test coverage
- Developed features for a REST API service in Node.js and MongoDB to enhanced usability of an environmental surveying application

### CIBC Live Labs

Sep - Dec 2016

Innovation engineer

- Redesigned CIBC Live Labs website using Ember.js with a product owner and designer
- Architected and implemented a REST API service to provide financial data and machine learning notifications to an Android application using Spring and PostgreSQL
- Introduced continuous integration and automated deployments to AWS for existing projects using shell scripts and Docker

### Densify Inc.

Jan - Apr 2016

Software developer

- As part of an agile team, worked with product owner to implement enhancements for a cross-platform installer for Densify'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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### TrakRecord

- Co-developed a marathon running assistant Android app using Bluetooth LE and beacon technology to periodically provide location specific race information and post race analytics
- Selected as a winner at Wearhacks Toronto 2016

### Foosbot

- Created a slack bot with Node.JS that allows users to challenge others to a game of foosball, track their results and view their skill level on an elo ladder

## Skills

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### Programming

Java	HTML/CSS
C++	JavaScript (ES6)
Swift	Python
Ruby	Bash

### Technologies

Android	jQuery
iOS	React
AWS	Node.js
Docker	MongoDB
Kubernetes	SQL

### Methodologies

Agile & extreme programming  
Pair programming  
Test driven development  
User centered design

## Education

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### University of Waterloo

Ontario, Canada  
Systems Design Engineering  
2015 - 2020

## Interests

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- Enjoys mountain biking, rock climbing and canoe tripping
- Interested in container orchestration and cryptocurrencies

## Contact

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