

## Highlights

- Extensive experience with agile software management and development
- Delivered high quality, value-adding projects in previous internships

## Technical Skills

- Object Oriented Programming: C++, Java, Python
- Web Development/Design:

|            |            |
|------------|------------|
| JavaScript | Flask      |
| Ember.js   | Ember Data |
| Angular.js | AJAX       |
| HTML/CSS   | JQuery     |
| Bootstrap  | REST       |

## Education

- Candidate for B.A.Sc. 2B Systems Design Engineering, University of Waterloo Class of 2018
- Merit Scholarship of Distinction, University of Waterloo

## Interests

- web design, entrepreneurship, basketball, ping pong
- Would like to travel the world in 160 days

FZW

## Professional Experience

### Software Engineering intern

**SMART Technologies, Calgary, AB**

**May. 2015 – Aug. 2015**

- Designed and developed full stack infrastructure for tooltip messages for SMART amp using Ember.js, Ember Data and Java
- Lead developer/designer for a sports-themed game in SMART notebook, completed development using Ember.js and JavaScript
- Prototyped Google Classroom integration with SMART amp using the classroom API in Java and Ember.js

### Project Management Framework Developer

**JSI Telecom, Ottawa, ON**

**Sept. 2014 – Dec. 2014**

- Designed workflow, UI and implemented triggers for ALM work items
- Developed automation scripts for ALM infrastructure migration to TFS 2013 and source code to Git
- Customized JSI internal web app in response to ALM infrastructure migration through development in ASP.NET

### Traffic Office Systems Support Engineer

**Ontario Ministry of Transportation, Toronto, ON**

**Jan. 2014 – May. 2014**

- Developed Bash script packages to manage the mailing service for the COMPASS system, Advanced Traffic Management System in Ontario
- Developed web pages with HTML and CSS to track, monitor and troubleshoot COMPASS cameras on highways across Ontario

## Personal Projects

### PriceAlert, Financial App, Hack the North 2015

**Winner of best Bloomberg API hack**

**Sept. 2015**

- Designed and developed application to predict stock data and send alerts for investors using Bloomberg API, Flask, Twilio and Highcharts

### InSYDEtheHoop, <http://www.felixzhengwei.co/InSYDEtheHoop>

**Web Project**

**Oct. 2014**

- Designed and developed responsive basketball tutorial website

### Pebble Runner, Hack the North 2014

**(Available on Pebble App Store)**

**Sept. 2014**

- Designed and developed a pebble watch face that tracks the user's steps in device memory

### TSnooze (lead developer), McGill Hackaton, McGill University

**Android Application,**

**Feb. 2014**

- Android application for daily commuters using Google Maps API to set up a geo-fence to alarm them before arriving at destinations