




# Felix (Zheng) Wei

2B Systems Design Engineering

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## Highlights

- Proficient in object-oriented programming with **Java, C++, Python**
- Excellent knowledge with web design/development: **JavaScript, Flask, Ember.js, AngularJS, REST, jQuery, AJAX, Sass**
- Extensive experience with **agile** software management and development
- Delivered **high quality, value-adding** projects throughout internships

## Professional Experience

### Software Engineering Intern

**SMART Technologies, Calgary, AB**

**May 2015 – Aug. 2015**

- Designed and developed full stack infrastructure for integrated workflow support for new users in SMART amp using Ember.js and Java
- Enhanced SMART amp's existing RESTful API to implement server-side user validation in Java
- Created a sports-themed game for SMART Notebook using Ember.js and JavaScript, received high praise from clients
- Prototyped Google Classroom integration with SMART amp using the Classroom API in Java and Ember.js

### Framework Developer

**JSI Telecom, Ottawa, ON**

**Sept. 2014 – Dec. 2014**

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

### Systems Engineering Intern

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

**Jan. 2014 – May 2014**

- Developed Bash scripts to manage the mailing service for Advanced Traffic Management System in Ontario
- Created web pages using JavaScript and HTML/CSS to track, monitor and trouble-shoot COMPASS cameras on highways across Ontario

## Projects

**PriceAlert**, ([Winner of best Bloomberg API hack](#)) Hack the North 2015

**Sept. 2015**

- Designed and developed application to predict stock data and send alerts to investors based on input criteria using Bloomberg API, Flask, JavaScript, Twilio and Highcharts

**InSYDEtheHoop**, (<http://www.felixzhengwei.co/InSYDEtheHoop/>) Personal Project

**Oct. 2014**

- Built responsive website for basketball tutorials and on-court instructions for basketball enthusiasts

**Pebble Runner**, ([Available on Pebble App Store](#)) Hack the North 2014

**Sept. 2014**

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

## Education

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

## Interests

- Entrepreneurship, basketball, ping pong, travel the world in 160 days