Felix (Zheng) Wei

2B Systems Design Engineering

www.felixzhengwei.co
z32wei@uwaterloo.ca
www.github.com/felixzhengwei
☎ (647) 761-7666

📂 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**) Financial App, 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

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

TSnooze, Android Application, McGill Hackathon, McGill University,   **Feb. 2014**
- Android application for daily commuters using Google Maps API to alarm them before arriving at destinations

📖 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, would like to travel the world in 160 days