

Felix(Zheng) Wei

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EDUCATION

UNIVERSITY OF WATERLOO

SYSTEMS DESIGN ENGINEERING

Expected Apr. 2018 | Waterloo, ON
Seeking Senior Year Internship

TECHNICAL SKILLS

LANGUAGES

JavaScript(ES6) • Java • Python
C++ • Matlab

FRONT-END

AngularJS • Ember.js • HTML • Jade
CSS pre-processors & frameworks
webpack • browserify • grunt
gulp

BACK-END

Java EE • PostgreSQL • Hibernate
MongoDB • Play with Scala/Java
Flask

LINKS

Github:// [felixzhengwei](#)
LinkedIn:// [felixzhengwei](#)
Devpost:// [felixwei](#)

HIGHLIGHTS

- Keen eye for design and ability to integrate good design with software development as developed from previous internships.
- Extensive experience with agile software development and management.
- Excellent leadership and time management skills gained from being the captain of a basketball intramural championship team at Waterloo.
- Delivered high-quality, value-adding projects throughout internships.

INTERESTS

Basketball • Piano • Ping-Pong
Travel • Singing

PROFESSIONAL EXPERIENCE

SEQUENCE | SOFTWARE ENGINEERING INTERN

Aug 2016 – Present | San Francisco, CA

- Design, prototype and develop features end to end for clients.

STREET CONTXT | SOFTWARE ENGINEERING INTERN

Jan 2016 – Apr 2016 | Toronto, ON

- Spearheaded the full stack development of the Admin platform using AngularJS, Java, Hibernate, Play and PostgreSQL.
- Developed various back-end API services, ORM models and database migration scripts using Java, Hibernate and PostgreSQL.
- Worked on various tech enhancements for the code base including rewriting sbt-build plugin for Play in Scala to allow webpack integration using NPM, the plugin gained significant traction as a result.

SMART TECHNOLOGIES | SOFTWARE ENGINEERING INTERN

May 2015 – Aug 2015 | Calgary, AB & Seattle, WA

- Designed and developed full stack infrastructure for integrated workflow support for consumer product SMART amp using Ember.js and Java to increase user satisfaction.
- Enhanced SMART amp's existing RESTful API by implementing server-side user validation in Java.
- Created a sports-themed game for SMART Notebook using Ember.js and JavaScript, received high praise from users.

JSI TELECOM | FRAMEWORK DEVELOPER

Aug 2014 – Dec 2014 | Ottawa, ON

- Developed automation scripts for ALM infrastructure migration from TFS 2012 to 2013 and source code migration from TFVC to Git using C# and Bash.
- Designed workflow, UI and implemented triggers for ALM work items.

ONTARIO MINISTRY OF TRANSPORTATION | SYSTEMS ENGINEER

Jan 2014 – Apr 2014 | Toronto, ON

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

PROJECTS

INSTABUY | [🔗](#) Winner of Best Visa API Hack | Mhacks: Refactor

Feb 2016 | Michigan, MI

Developed a web platform to allow efficient e-commerce shopping and price monitoring using AngularJS, Flask, Twilio, Visa and various e-commerce APIs.

KNOWTHEGAME | [🔗](#) Winner of Best Microsoft Hack | DeltaHacks II

Jan 2016 | Hamilton, ON

Created a web application using Flask and JavaScript to predict NBA game outcomes utilizing MS Azure's machine learning abilities.

PRICEALERT | [🔗](#) Winner of Best Bloomberg Hack | Hack the North II

Sept 2015 | Waterloo, ON

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.