

Felix(Zheng) Wei

www.felixzhengwei.me
z32wei@edu.uwaterloo.ca | (647)916-2675

EDUCATION

UNIVERSITY OF WATERLOO
SYSTEMS DESIGN ENGINEERING
Expected May, 2018 | Waterloo, ON

CHINESE U. OF HONG KONG
SYSTEMS DESIGN ENGINEERING
Exchange Term 2017 | Hong Kong

TECHNICAL SKILLS

LANGUAGES

Python • Scala • Java • Javascript
C++ • Matlab

FRONT-END

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

BACK-END

Slick • Java EE • PostgreSQL
Hibernate • 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 leading hackathon projects and being the captain of a basketball team at Waterloo.
- Delivered high-quality, value-adding projects throughout internships.

INTERESTS

Basketball • Piano • Ping-Pong
Travel • Singing

PROFESSIONAL EXPERIENCE

GILT GROUPE | SOFTWARE ENGINEERING INTERN

June 2017 – Sept 2017 | New York, NY

- Owned the design and development of a microservice responsible for user preference data collection to improve platform user recommendations using Scala/Play, Slick, and PostgreSQL.
- Designed and implemented product selection algorithm to best facilitate data collection.
- Designed database schema for data storage and access for machine learning.
- Designed and developed the front end user experience and workflow to gamify the experience to allow a seamless data collection process for the platform.

SEQUENCE | SOFTWARE ENGINEERING INTERN

Aug 2016 – Dec 2016 | San Francisco, CA

- Led the front-end development of Opus One's e-commerce platform end to end.
- Implemented various features within a custom-built CMS for Chipotle.

STREET CONXTXT | SOFTWARE ENGINEERING INTERN (FINTECH)

Jan 2016 – Apr 2016 | Toronto, ON

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

SMART TECHNOLOGIES | SOFTWARE ENGINEERING INTERN (EDTECH)

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

- Designed and developed full stack infrastructure for integrated workflow support for SMART amp using Ember.js and Java to increase user satisfaction.
- Enhanced existing 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.

PROJECTS

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

Feb 2016 | Michigan, MI

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

Application to predict NBA game outcomes utilizing MS Azure's ML abilities.

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

Sept 2015 | Waterloo, ON

Web app to predict stock data and send alerts to investors based on input criteria.