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 CONTXT | SOFTWARE ENGINEERING INTERN
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 to improve platform capabilities.
- 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
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.