

# Anson Li

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## Overview

Versatile software engineer with solid experience in full-stack technologies, and a strong suite of supplementary languages. Strong background in team management and support with hands-on experience in project development and management.

## Summary of Qualifications

- 16-months combined project and software experience in full-stack development
- Experience in project management and agile development methods with startups and established business solution providers; projects ranged from \$2k - \$3m
- Knowledgeable of asset management, code quality, and code security
- Proven ability to work in multidisciplinary teams of 4 - 30 members to meet project deliverables and deadlines

## Education

### **BSc., Computer Engineering Cooperative Program, Software Option \***

University of Alberta - Edmonton, AB

\* Completion Date: April 2017, GPA: 3.2/4.0

- Key Electives: Software Quality, Reliable and Secure Systems Design
- Capstone Design Project: Social Web Platform with Stockers Financial Ltd.

## Work Experience

### **Team Gateway - Software Developer**

September - December 2016

Questionmark Computing Ltd., Edmonton, AB

- Created a Learning Tools Interoperability tool for connecting Questionmark with major educational institutions
- Completed 7 sprints as part of a five-member team to integrate and upgrade core Questionmark products
- Presented code and deliverables to staff and clientele, to identify key changes and updates on core software
- Utilised planning and organizational skills to manage tight development deadlines and competing priorities

### **Full Stack Developer**

May - September 2016

Crude Quality Inc., Edmonton, AB

- Developed and redesigned Crude Monitor, CQI's core software title, using LAMP stack (~\$500k project)
- Produced 30+ wireframes and prototypes to quickly communicate changes to product owners
- Analysed documentation and requirements with stakeholders to ensure correct development process
- Initiated development method changes in order to optimise workflow

### **GIS Department - Software Developer**

January - August 2015

Alberta Environment and Parks, Edmonton, AB

- Developed heuristics-based environmental model identification system to reduce complexity in selection and implementation of popular environmental models in Canada
- Engaged in full-stack development to design and develop key systems in PHP
- Served as technical reference for both web technologies and ArcGIS for development team

### **General Summer Student**

May – August 2014

Synchrude Canada Ltd., Fort McMurray, AB

- Worked alongside process engineers at Synchrude site to optimise workflow and communicate issues
- Managed a 3-man team to identify production bottlenecks around the site to ensure efficient operations
- Communicated between multiple interdisciplinary teams to identify and mitigate points of concern

### **Summer Student**

May – August 2013

Enerfest Inc., Calgary, AB

- Developed software for managing and tracking ~\$200k of oil tool inventory
- Primary liaison for development of website between product owners and external development team
- Travelled to Ellsworth, Kansas, to complete one week of training in valve and operational management

## **Technical Experience**

- Experienced in multiple agile methodologies, including Scrum, Kanban, and Scrumban
- Professional experience in full-stack technologies, including LAMP and MEAN
- Fluent in key web development languages, including PHP, JavaScript, HTML and CSS
- Experience in web environments such as Drupal, CakePHP and node.js
- Knowledgeable in multiple languages, including Java, Ruby, C and Python
- Extensive source control experience, using primarily Git and SVN
- Use of numerous task runners, including Grunt, Gulp and CodeKit
- Backend development, through SQLite and MySQL
- Professional UI, UX development through tools such as Sketch and Photoshop