Anson Li, EIT

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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

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

Work Experience

Team Gateway - Intermediate Developer | June 2018 - Now
- Led a team of eight team members on developing Questionmark's central platform, which is used by clients totaling in excess of $1MM.
- Created and maintained a variety of products and tools, in coordination with other teams as scrum master.
- Lead planning and design of critical features, of which directly resulted in revenue in excess of $200K.
- Worked with the LTI development community to identify and prioritise framework improvements.

Team Gateway - Software Developer | September 2016 - June 2018
Questionmark Computing Ltd., Edmonton, AB
- Created a Learning Tools Interoperability tool in PHP for connecting Questionmark with major educational institutions

- Presented code and deliverables to staff and clientele, to identify key changes and updates on core software
- Utilized 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
- Analyzed documentation and requirements with stakeholders to ensure correct development process
- Initiated development method changes in order to optimize 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
Syncrude Canada Ltd., Fort McMurray, AB
- 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

Technical Experience

- Experienced in Drupal 7 development, especially with regards to custom module creation and external system integration
- Developed various professional tools using Powershell
- Experienced in multiple agile methodologies, including Scrum and Scrumban
- Professional experience in full-stack technologies, including LAMP and MEAN
- Fluent in key web development languages, including PHP, JavaScript, HTML and CSS
- Knowledgeable in multiple languages, including Java, Ruby, Powershell and Python
- Extensive source control experience, using primarily Git and SVN
- Backend development, through SQL Server, SQLite and MySQL
- Experience in various javascript tools, including ArcGIS API and three.js
- Professional UI, UX development through tools such as Sketch and Photoshop