

Anson Li, EIT

(587) 710-1833 - hello@anson.li
<https://anson.li> - <https://github.com/anson-li>

Overview

Versatile software engineer with solid experience in full-stack technologies, a strong suite of supplementary languages, and a passion for user experience. Strong background in team management and support with hands-on experience in project development and management. Passion for learning and adapting to new technologies to produce professional-level code.

Summary of Qualifications

- 6+ years of combined experience in full-stack and front-end development
 - 4 years of post-graduation work experience, 16 months of co-op experience, and 16 months of additional project experience
- Experience in project management and agile development methods with startups and established business solution providers; projects ranged from \$2k - \$3m
- Strong experience in web design and front-end development through both personal projects and professional business applications
- 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

Work Experience

Software Developer | February 2019 - Present

ATB Financial Ltd., Edmonton, AB

- Developed a suite of team member tools for ATB, which was used by ATB team members across the province.
- Created support tools for development, including Google chatbots used for emergency coordination and management
- Supported the team through infrastructure and architectural research, leading to the implementation and integration of new technologies including Google Calendar API
- Assisted in migration of key software across various systems as well as pipeline infrastructure development

Software Developer | May 2017 - December 2018

Questionmark Computing Ltd., Edmonton, AB

- Led a team of eight developers and QA staff on developing and maintaining Questionmark's central platform in PHP and Drupal 7

- Utilised agile processes as Scrum Master to effectively coordinate team goals and objectives, through both Scrum and Kanban
- Assisted in moving the project codebase to Git, including integration of Gitflow
- Lead planning and design of critical features, including the LTI project of which directly resulted in revenue in excess of \$200K
- Developed against a variety of REST API standards including OData and QMWISE
- Improved the LTI database architecture and optimised backend performance across the entire web application
- Resolved multiple high-risk issues and managed same-day resolution and deployment
- Designed and implemented the front-end for the LTI application, as well as various components of the central platform using HTML, CSS, Javascript and Sketch

Software Developer | September 2016 - December 2016

Questionmark Computing Ltd., Edmonton, AB | Co-op Work Experience

- 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 | Co-op Work Experience

- Developed and redesigned Crude Monitor, CQI's core software title
- Worked as the sole developer to upgrade, enhance and communicate major features and enhancements
- Produced 30+ prototypes to quickly communicate changes to product owners
- Analyzed documentation and requirements with stakeholders
- Upgraded legacy systems and maintained existing codebase
- Maintained and improved legacy code using the LAMP stack
- Initiated development method changes in order to optimize workflow

GIS Department - Software Developer | January - August 2015

Alberta Environment and Parks, Edmonton, AB | Co-op Work Experience

- 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 JS for development team

Education

BSc., Computer Engineering Cooperative Program, Software Option, 2017

University of Alberta - Edmonton, AB

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

Technical Experience

- Developed various professional tools, primarily using PHP and React
- Experienced in multiple agile methodologies, including Scrum and Kanban
- 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 three.js and GSAP
- Professional UI, UX development through tools such as Sketch and Photoshop
- Experience with other web stacks including Django/AngularJS/Nginx