

Ziyu Lucy Zhao

3A Computer Engineering, University of Waterloo

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Summary of Qualifications

- ▶ Strong UX and UI design skills developed by formatting professional web interface and personal webpage
- ▶ More than 1 year back-end development experience using Java for FP&A software implementation
- ▶ Outstanding programming and team work skills improved in an agile/scrum environment for Web App development
- ▶ Profound progress made towards database managing skill throughout the establishment of the Web App

Skills

- ▶ Tools: IntelliJ, Eclipse, Android Studio, GIT, Postman, Visual Studio, Jira, Jenkins, Bitbucket, NetBeans
- ▶ Frameworks: SpringBoot, React, Redux, Hibernate, Vue, Marionette & Backbone, Mockito, Bootstrap, Ionic
- ▶ Programming Languages: Java, C++, Javascript, HTML, CSS, Typescript

Experience

Software Developer | Vena Solutions

Sep – Dec 2018

- ▶ Performed back-end integrations based on understanding about the OLAP processing engine, MongoDB and Amazon Redshift
- ▶ Polished front-end features using React Redux framework with thorough unit test cases created
- ▶ Solid back-end testing knowledge gained with Mockito framework from debugging performance exception
- ▶ Deployed and built highly valuable Web Application using Amazon Web Service (AWS)

Fullstack Developer | CI Technologies

Jan – Apr 2018

- ▶ Created Queries to manage relational database for the use of JPA annotation based mapping
- ▶ Demonstrated proficient understanding of SpringBoot and Spring Hibernate framework through REST styled API implementation
- ▶ Generated user-friendly UI interface along with the use of ESRI & mapbox mapping tool and JS Backbone Marionette framework
- ▶ Reconstructed the Web App with effective code replacement of Vue framework

App Developer | Marlena Books

Jul – Aug 2017

- ▶ Built local database and combined the usage of PHP, MySQL, HTML, TS, and ionic framework to comply the user login access
- ▶ Designed practical UI based on the wireframe using Ionic framework
- ▶ Installed plugin features into the App with extraordinary synthesizing and debugging skills on Cordova

Projects

Android App Development [Java]

Jan - Apr, 2017

- ▶ Applied Java programming skills and worked in a team for the development of the advanced version of 2048 game
- ▶ Developed strong version control skills of subversion and GIT from working as a team

Celebration Video | CHN — KOR POP Music Culture Interchange Seventeen President Station

2016 – Jan 2018

- ▶ Decision making skill and Initiative established from negotiating affairs, arranging events, and mediating conflicts
- ▶ Applied advanced Aegisub and videoShow video-making skills have resulted in the success of promoting edited videos

Education

University of Waterloo (Candidate for the bachelor of Applied Science; Computer Engineering)

Sept 2016 - present