

Ziyu Lucy Zhao

2B Computer Engineering, University of Waterloo

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Summary of Qualifications

- ▶ Impressive self-learning skill gained with advanced understanding of web and app development
- ▶ Outstanding programming and team work skills improved as a team member for web app developing
- ▶ Profound progress made towards database managing skill throughout the establishment of the user login page on the app
- ▶ Strong teamwork and communication skills developed by organizing clubs and volunteering experiences

Skills

- ▶ Programming Languages: Java, Python, C++, HTML, CSS, JavaScript, TypeScript, MySQL, Visual Basic, PHP
- ▶ Tools: IntelliJ, Android Studio, Visual Studio, Windows, Microsoft Office, Matlab, Visual Studio, BlueJay, Asana, NetBeans
- ▶ Frameworks: SpringBoot, Hibernate, Vue, Elm & Flux, Marionette & Backbone, Bootstrap, Ionic, jQuery

Experience

Fullstack Developer | CI Technologies

Jan– Apr 2018

- ▶ Constructed Queries to manage relational database for the use of JPA annotation based
- ▶ 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 WebApp with effective code replacement of Vue structure

Web Developer | Backpacker College

May – Jul 2017

- ▶ Improved front end designing skill with designing, enhancing, and maintaining website using HTML, CSS, Javascript
- ▶ Guided and applied QA testing process of an app for investigating issues for ensuring the usability of the app

App Developer | Marlena Books

Jul – Aug 2017

- ▶ Generated 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

Vice President | CHN — KOR POP Music Culture Interchange Seventeen President Station

2016 – Jan 2018

- ▶ Decision making skill 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

Projects

Android App Development [Java]

Jan -Apr, 2017

- ▶ Applied Java skills and general understanding of programming with communication with group members for the development of the advanced version of 2048 game
- ▶ Developed strong version control skills from working as a team

Linked list Homework Project [C++]

March, 2017

- ▶ Scheduled and coded the Homework Queue individually using linked list so the next upcoming homework to do can show up correctly according to their time schedule

Education

Mar-June 2016

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

Sept 2016 - present