ZHICHANG LIU

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portfolio: kaguyam.github.io

Summary

- ❖ Entry-level software developer and data analyst with a global mindset and a staid and rigorous character. Fluent in Mandarin, Japanese, and English. Possesses advanced knowledge of Java, C and SQL along with exceptional problem-solving skills, logical reasoning ability, data analysis skills, and a strong aptitude for learning. Have experience in software development using Android Studio. Comfortable with Agile development methodologies, and familiar with R, JavaScript, HTML, CSS, and visualization using D3.js and Tableau.
- ❖ Seeking opportunities to apply academic expertise and contribute to a dynamic team.

Education and Certificate

Bachelor of Computer Science

Dalhousie University | Halifax, NS | 05/2020

Google Data Analytics Professional Certificate

Skills

- Programming Languages: Java, C, JavaScript R
- Tools and Technologies: Android Studio, Git, GitHub, GitLab, Microsoft Office
- Database: SQL, MySQL, Database Design
- Web Development: HTML5, CSS

- Fluent in English, Mandarin and Japanese
- Methodologies: Agile Development, Object-oriented Programming
- Visualization: D3.js, Tableau
- Operating Systems: UNIX, Windows

Relevant Academic Projects

Visualization

Dalhousie University, NS   2019

Developed a visualization of data illustrating world growth (GDP, population, etc.), earning a B+ grade.
Utilized: JavaScript, D3.js, HTML, CSS

Natural Language Processing

Dalhousie University, NS   2019

Worked on a project to detect in-text sarcasm, employing various methods and designing a new approach.
Achieved an A- grade for the project.

Software Development

Dalhousie University, NS   2018

Led a team and contributed significantly to building a course registration application using Android Studio in the software development course, following the Agile methodology. Earned a B+ grade for the project.
Utilized: Java, Android Studio, GitLab, Agile Development Methodologies

Database Design

Dalhousie University, NS   2016

Designed a database with team members for an entertainment TV channel using MySQL for a database design project in the database course, earning an A- grade.
Utilized: MySQL

Algorithm Design

Dalhousie University, NS   2015

Developed an algorithm with team members for a robot to clear mazes, winning 3rd place in the project competition in the robotics course.
Utilized: Java

Traits

Fast Learner

Mastered Japanese through two years of spare time anime-watching, able to communicate with native speakers without any issues.

Global Mindset

Multilingual and familiar with various cultures.

Detail-oriented

A keen eye for errors, flaws, and inconsistencies.