



JACK RONG

YEAR 3, COMPUTER SCIENCE MAJOR

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github.com/jackisrong

Technical Skills

- Programming: Java, C/C++, C#, SQL
- Tools/Environment: IntelliJ, Git, Jira, Android Studio
- Test: JUnit
- Web: HTML5, CSS, Bootstrap, JavaScript, TypeScript, React*
* currently learning

Work Experience

Web Developer

Sep 2020 – Apr 2021

BGC Engineering Inc.

- Web Developer on an agile software team, collaborated with developers, project managers, and QA analysts to maintain and develop features for an enterprise geohazard management system.
- Designed and implemented new features based on the needs of clients and project managers.
- Maintained the existing codebase by fixing bugs and changing existing features.
- Front-end work with TypeScript, JavaScript, React, HTML, CSS.
- Back-end work with C#, SQL, Azure Blob Storage.

Teaching Assistant

Sep 2019 – Dec 2020

The University of British Columbia

- Teaching Assistant in the Department of Computer Science for an introductory course in models of computation, including algorithms, discrete math, logic, and circuits.
- Taught laboratory classes about physical circuits, simulated circuits, and regular expressions.
- Graded student homework, assignments, and exams.
- Helped clarify concepts to students and answered questions through an online forum.

Technical Projects

LyfeStyle Tracker (Android Studio, Java, SQL, PHP)

June 2020

- Developed a fitness app for the Android platform with a relational database model, working as a team of 3. Allows for tracking of meals and exercises, and creation of diet and workout plans.
- Implemented a dynamic sortable and searchable UI to list meals, exercises, and plans, populated using SQL queries.
- Implemented ability to add, update, remove meal and exercise entries with a UI.
- Created web API with PHP to connect app with Oracle database.

jackrong.me (Bootstrap, HTML, CSS)

Mar 2020 – Present

- Developed a personal website from scratch using the Bootstrap framework, HTML, and CSS.

Mangosteen Budget (Java, JavaFX)

Sep 2019 – Dec 2019

- Developed a budgeting application with graphical interface which allows for creation, modification, and deletion of income and expense items with local data saving.
- Implemented graph visualization of income and expenses by time period and category.

Education

The University of British Columbia

Sep 2018 – Apr 2023

Bachelor of Science

- Major in Computer Science