JACK RONG
YEAR 2, COMPUTER SCIENCE MAJOR

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Technical Skills
- Programming: Java, C/C++*
- Tools/Environment: IntelliJ, GitHub
- Test: JUnit
- Web: HTML5, CSS, JavaScript

* currently learning

Technical Projects
Mangosteen Budget (Java, JavaFX)   Sep 2019 – Dec 2019
- Developed budgeting application with graphical interface which allows creation, modification, and deletion of income and expense items with local data saving.
- Implemented visualization of income and expenses by time period and category.

WorldWarK (Java, Java Swing)   May 2018
- Developed 2D space shooter game in a three-person development team.
- Implemented player mechanics including player movement, bullet firing, and collision detection.
- Implemented graphical interface including GUI, background scrolling, and graphics display.

J3 Groceries (HTML5, CSS, JavaScript)   May 2017
- Developed an online shopping website in a three-person development team.
- Implemented JavaScript processing including dynamic inventory population, search, browse, shopping cart cookies, and dynamic manipulation of HTML and CSS.
- Designed visual appearance of website using HTML and CSS styling.

Work Experience
Teaching Assistant   Sep 2019 – Present
The University of British Columbia
- Teaching Assistant for a first-year introductory course in algorithms, discrete math, 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.

Class Ambassador   Sep 2019 – Dec 2019
WIZE Education Inc.
- Assisted in designing an online multivariable calculus course targeted towards UBC students.
- Coordinated with tutor to emphasize topics and organize course content.

Education
The University of British Columbia   Sep 2018 – Present
Bachelor of Science
- Major in Computer Science
- GPA: 91%