

# Ryan Leung

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## TECHNICAL SKILLS

Proficient with:

JavaScript • TypeScript • Node.js  
React • Redux • Python • Java  
C • C++ • C# • HTML • CSS • SCSS  
NoSQL • SQL • JUnit • Mockito  
REST • Git • Linux • Bash • Jira  
Agile Development

Familiar with:

Spring Boot • Unity • React-Native  
JMeter • Swift • Kubernetes  
Docker • Ansible • Vagrant

## EDUCATION

**BRITISH COLUMBIA  
INSTITUTE OF TECHNOLOGY**  
COMPUTER SYSTEMS TECHNOLOGY  
Expected Graduation: May 2022  
Vancouver, BC | GPA: 93%

### LANGARA COLLEGE




ASSOCIATE OF SCIENCE  
2018 | Vancouver, BC  
Algorithms and Data Structures  
Program Design  
Descriptive and Inferential Statistics  
Using Excel for Statistics

## LEADERSHIP

**STUDENT SET  
REPRESENTATIVE**  
BCIT STUDENT ASSOCIATION  
January 2020 - Present

**SUPERVISOR,  
SCREENING OFFICER**  
GARDAWORLD  
May 2017 - October 2019

## LINKS

Github:// [rleung1004](#)   
Personal:// [ryanleung.ca](#)   
LinkedIn:// [ryan-wk-leung](#) 

## EXPERIENCE

### GLOBAL RELAY | SOFTWARE DEVELOPER INTERN

Jan 2021 - Present | Vancouver, BC

- Developed a back-end REST API microservice in the Java Spring Boot framework.
- Demonstrated an aptitude to pick up new technology and understanding infrastructure.
- Completed feature tickets within weeks of starting the internship term.
- Designed database schemas for a relational database.
- Implemented mappers in a service with MyBatis framework for SQL execution.
- Utilized Carbon Five for database schema migration.

### INFOR | SOFTWARE ENGINEER IN TEST INTERN (QUALITY ASSURANCE)

May 2018 - Dec 2018 | Vancouver, BC

- Accomplished being a Scrum Master helping our team to communicate more effectively internally and externally.
- Collaborated with developers and product owners to formulate test scenarios.
- Implemented test automation using frameworks JUnit, Mockito, and JMeter.
- Created a prototype React-Native mobile application for legacy application rebuild.

## PROJECTS

### SORTING VISUALIZER | [WEBSITE](#) , [GITHUB](#)

August 2020 | Personal

Technologies used: React, Redux, Javascript, HTML, CSS

- Built a React / Redux application for visualizing sorting algorithms.
- Implemented Bubble Sort, Merge Sort, Heap Sort, and Quick Sort.

### SUDOKU PUZZLE GAME | [GITHUB](#)

August 2020 | Personal

Technologies used: Python, Pygame

- Built a Python application for an interactive Sudoku puzzle game.
- Implemented a backtracking algorithm to create and solve Sudoku puzzles.
- Created a GUI for users to interact/play the generated Sudoku puzzle as well as visualize the solving algorithm.

### Q-UP | [WEBSITE](#) , [GITHUB](#)

April 2020 - May 2020 | Group

Technologies used: Firebase, Express, React, Node.js, Algolia

- Q-Up is an online platform that lets customers "line up" virtually for their favorite local businesses.
- Built and deployed the FERN/MERN tech stack, implementing a REST API for our React.js web application.
- Heavily contributed in both Front-end and Back-end development.