RONALD CHAN

604.307.1922
ronaldc.rcws@gmail.com

TECHNICAL SKILLS

LANGUAGES

Java, Python, C++*, SQL, Scala, Typescript*

TOOLS

IntelliJ, PyCharm, Jupyter, VS Code, SQL Plus, Git, Selenium

* = Learning

TECHNICAL PROJECTS

TRANSIT DATA BASE APP | SQL | SEPT 2021 – DEC 2021

- A SQL database based on Translink transportation network
- Used HTML to create webpage GUI and PHP for SQL queries

REMINDERS | JAVA | JAN 2021 – APR 2021

- Allow users to create and manage personal reminders
- Implemented data persistence using JSON library
- Swing widget toolkit to create GUI
- Focus on object-oriented programming with proper documentation and hierarchy design

SMART MIRROR APP | PYTHON | AUG 2020 – SEP 2020

- Basic GUI that displays local weather, time, and news
- Used OpenWeatherMap API for weather data via Requests library
- Used Feedparser library to get Google News headlines

WORK EXPERIENCE

TEST DEVELOPER CO-OP | VISIER | JAN 2022 – AUG 2022

Performed manual testing, building automated tests and data validation via unit tests, integration tests and end-to-end UI automation acceptance tests. The total automated test run time was reduced by 50% from 6 to 3 hours. Worked with Jenkins and SQL databases to create testing datasets. Created a live test failure reporter to help developers view and analyze test builds progress before completion.

JUNIOR LIFEGUARD INSTRUCTOR | CITY OF RICHMOND | MARCH 2019 - PRESENT

Working in a team to maintain the safety of patrons, enforcing facility safety rules to prevent injuries or accidents, and responding to emergencies. Teaching students of varying ages the Red Cross swim standards to their respective levels.

EDUCATION

THE UNIVERSITY OF BRITISH COLUMBIA | 2019 – 2024

Bachelor of Science, Computer Science Major – Year 3