

Amy Kong

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amykong.dev

EDUCATION

Bachelor of Science
Mathematics
Minor in Data Science
University of British Columbia
Expected graduation: Dec 2023

SKILLS

C/C++
Java
JavaScript
React
HTML/CSS
Python
R
SQL
PHP
Bash scripting

EXPERIENCE

Lifeguard/Instructor Oct 2018 – Present
City of Vancouver

- Teach children and adults swimming skills and water safety in groups of 4 to 10.
- Develop and adapt lessons to various types of learners.
- Continuously learn new skills and techniques to teach in new environments.
- Ensure safety of 50+ patrons.

PROJECTS

To-do List

Java

- Designed and created a full-stack application to emulate a bullet journal layout with a to-do list, calendar, and notetaking feature.
- Used Java Swing for GUI and JUnit for unit testing.

Transit Database

SQL, PHP, Oracle, JavaScript, HTML/CSS

- Modelled Metro Vancouver's transit network using SQL.
- Designed and implemented a dynamic GUI using JavaScript and HTML/CSS to execute SQL queries.