

AMY KONG

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SKILLS

Java, C/C++, Assembly, R, HTML/CSS, JavaScript, React, PHP, MySQL, Git

EDUCATION

Bachelor of Science: Mathematics

Minor: Data Science

University of British Columbia

Expected graduation: November 2023

WORK EXPERIENCE

Lifeguard and Instructor

City of Vancouver

Oct 2018—Present

- Teach and engage children, ages 3-16, swimming skills and water safety, in groups of 4-10.
- Improve technical swimming skills, according to Red Cross Standards.
- Develop and adapt lessons to various types of learners.
- Continuously learn new techniques and skills to teach in novel environments.
- Ensure safety and overall security of 50+ patrons within the facility.

PROJECTS

Bullet Journal Task Manager

Java

- Developed a full stack application to emulate a to-do list manager with a bullet journal UI.
- Created UI with Java Swing.
- Utilized Junit for thorough testing of all features.
- Created through a 12-week iterative development process.

Transit Database

MySQL, PHP, JavaScript, HTML/CSS, Oracle

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