

Michael (He yang) Li

Details

Phone
9056168745

Email
m737li@uwaterloo.ca

Skills

Java
MySQL
Python
HTML
Spring Framework
Racket
C

Languages

Japanese
● ● ● ● ●
Chinese
● ● ● ● ●
English
● ● ● ● ●

Education

University of Waterloo, Bachelor of Mathematics (co-op)
Sep 2021 — Jun 2026 📍 Waterloo

Appleby College, Highschool Diploma
Sep 2017 — Jun 2021 📍 Oakville

Interns and Programming Experience

Book Reservation System, MBP Japan
Jun 2021 — Sep 2021 📍 Online

- Developed a book reservation system with mentoring from a senior engineer
- Implemented business logic of REST API to retrieve, update and check out books using Java Spring framework and PostgreSQL database
- Designed and built front-end HTML pages for users to browse, search, and check out books
- Utilized JavaScript to integrate the front-end with the back-end by making HTTP requests

Student Database, Inspiration Learning Center
Jun 2020 — Sep 2020 📍 Mississauga

- Developed a student database system using Java Spring framework and MySQL database with another employee.
- Created HTML page to allow the administrator to create, update, and view student information such as name, age, and current courses
- Implemented back-end API to store and update student information in MySQL database

Extra-curricular activities

Computer Science Summer Credit Course , Cornell University
Jun 2020 — Aug 2020 📍 Online

- Selection-Based program
- Worked on weekly lessons and labs mainly focused on Object-oriented Programming and Graphical User Interfaces (GUI)
- Programmed a functional and interactive board game utilizing inheritance as a project
- Programmed a trivia game with visuals using Tkinter as a project,