

# Yida Li

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Canadian Citizen



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<https://github.com/yida-li>

## TECHNICAL SKILLS

Full-stack, SQL , Data Management, Computer Vision, Web-scraping, Mobile App Development , Computer Automation

## Programming Languages

JavaScript, Java, Python, C++, Node, C, PHP, VHDL

## Communication

English , French , Chinese, Japanese

## EDUCATION

**Sept. 2012 Vanier College - Social Science (completed)**

**Sept. 2013 Concordia University – Bachelor’s degree  
English Literature and History (discontinued)**

**Sept. 2017 – May 2022 Concordia University – Bachelor’s degree  
Computer and Electrical Engineering (completed)**

**June 2023 Concordia University - Independent studies**

## EXPERIENCE

**Wiley Edge Java/React/Financial Foundations program – June 20 -August 2022**

- > Intensive Training on Java OOP, MVC Pattern, Design Tiers, Software Development Cycle ,Unit Testing
- > MSQl, Spring Boot Full-Stack Web Apps, Front-end Development with React, API integration
- > IntelliJ IDE, Visual code studio, netbean , github, postman

**Internship – Station Impression – April 2018**

- > Clerk Assistant, Interact with Clients to format/produce their art work via different type software through additive printing
- > Excel , Google Doc, Photoshop, 3D printer, 2D Printers

**Volunteering –Hackathon Code to give – November 2022**

- > Full Stack Application Design and Implementation for the non-profit Digital Moment
- > Work in a team in 96 hours to develop a solution

**Volunteering – Heads & Hands – Summer 2017**

- > Clerk Assistant, cleaning, recycling, running errands and tasks for other employees

**Volunteering – VCSA (Vanier College Student Association) – September 2012**

- > Socialising with campus students, raising awareness, event invitation, handing out pamphlets

**Volunteering – MCSA( Montreal Chinese Alliance Church) – September 2011**

- > Leading a group elementary/kindergarten children through yearly bible summer camp
- > Weekly sunday school teacher assistant

## Team Projects

### Wiley-Edge Team Design Capstone – July 2022

- > Content Management System
- > Create a full stack blog web-site to manage contents, with authenticator logins
- > Java Spring Boot, ClearDB, Mysql, Heroku, Thymeleaf

### Concordia Team Design Capstone – April 2022

- > Delivery Robot
- > Create an autonomous delivery robot that will transport delivery food from McDonald near Concordia Campus
- > OpenCV, Python, Java, ArduinoIDE, full-stack, Side walk detection, Depth Estimation, GPS- localization, Computer Vision, Electronic Design, Motor control, Bluetooth

### Concordia Team Design Mini-Capstone – April 2021

- > Smoke Detector
- > Create an android app in java and electric circuitry with smoke/humidity sensors that interacts with one another
- > Java/Arduino/SQL
- > Sensors are able to detect and measure intensities of smoke in a household, store and view the data through Bluetooth to the mobile phone in a SQL local database. After reaching a certain threshold, the fan will activate and a notification will be sent to the phone, fan will also deactivate once the smoke dissipates

### Introductory Game Team Design – Summer 2021

- > HyperCube Game
- > Visual Studio, OpenGL, C++/C
- > Design and Implement 3D objects which interact with the user/client in order to score points

### Covid Vaccination Web-Application Team Design – Summer 2021

- > Develop a simple CRUD web-application in PHP that stores data from the user in the team's private server.
- > SQL, PHP, bootstrap, full-stack
- > Clients are able to book appointments for vaccinations in any of the 7 regions in Canada, view alert zones, as well as viewing the most recent quarantine updates

**Portfolio** <https://yida-li.github.io/portfolio/>

**Youtube** [https://www.youtube.com/channel/UCnAZEd\\_Q-5JI9UX53bd5LQQ](https://www.youtube.com/channel/UCnAZEd_Q-5JI9UX53bd5LQQ)