# Daniel Li

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## Education

**University of Waterloo and Wilfrid Laurier University**        09/2019 – Present

Bachelor of Computer Science(UW) and Business Administration(WLU) Double Degree

Major GPA: 3.85 | Graduation Date: September 2024

## Experience

Freelance Programming           10/2019 – Present

- Created a database using SQL and a corresponding server using Firebase, sending data to an IOS application
- Developed an app on Xcode using Swift to display data retrieved from a Firebase cloud server, differing based on the user's location

Software Engineer and Web Developer at 1$^{st}$ Plan Productions        05/2020 – 08/2020

- Created a frontend user interface using Html, CSS and JavaScript for users to enter their information and submit files to a HostGator server. Incorporated React to smoothen user interactions with the form.
- Coded a server using Node.js that stores user data with SQL, encrypts sensitive information and automatically submits information to various websites online.

Web Developer at LDH Mental Health Movement        03/2017 – 07/2019

- Designed and developed a website using HTML, CSS, and JavaScript to show information for events and opportunities
- Maintained a server using Node.js that analyzed administrator inputs in a user-friendly interface and updated the website, streamlining day-to-day processes.

Software Engineer at FRC Robotics **– Durham District Champion**        09/2015 – 07/2019

- Worked with a team of ~15 programmers; used C++ with WPILib library to develop software applications and modules to control robots with a remote control
- Managed a team of 5 people as the calculations lead to solve difficult math problems regarding the robots; types of problem include dynamics and geometry

## Projects

DeepFake Detector - **First Place at PennApps**

Developed an application that uses machine learning to detect deepfakes on celebrities with Python, HTML, JavaScript, and Node.js, allowing users to be notified if they are watching a DeepFake when browsing the internet.

Face Recognition Attendance Tracker - **Third Place at UOttaHack**

Created a device that uses facial recognition to keep track of people that enter or exit a room and stores them into a database; used Raspberry Pi to upload image data, flask to create a sever, and python to analyze the images.

## Skills

Languages

C++, C#, C, Java, Python, Swift, JavaScript, CSS, HTML, PHP, MySQL

Technologies/Frameworks

React, Node.js, Flask, AWS, Firebase, Xcode, OpenCV, Eclipse, Unity, Git, Linux