Victor Chung

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About Me

A technology enthusiast with a strong understanding of both hardware and software. With experience in various programming languages and electrical wiring. A creative, passionate learner who can work well under stress and seeking a job to utilize and improve his analytical, coding, and problem-solving skills.

Education

B.Eng., Spec. Hons. : Computer Engineering, Expected in 04/2024
York University - Toronto, Ontario

High School Diploma : 06/2019
Applewood Heights Secondary School - Mississauga, Ontario

Work Experience

September 2021 - Present | Ministry of Health - Application Developer/Co-Op Student
• Created a Microsoft Azure pipeline consisting of Logic Apps, SQL stored procedures, and blob storage to automatically push Excel reports from Teams Sharepoint into a database. Then using Power BI to cleanup and compare, avoiding manually completing these tasks.

Personal Projects

MIDI LED Strip Piano Tutor Game + Visualizer, *C++ and Arduino*
• Tutor Game: Based on a MIDI file, the Arduino will recieve information about which LED(s) to light up and their RGB values. Given MIDI input from a piano, the Arduino will then determine if the correct note is played and will accordingly increase or decrease a score shown on an LCD screen.
• Visualizer: Given MIDI input from the piano, a computer will pass this information to the Arduino, which will proceed to light up the corresponding LED. Based on which key, the LED will be a specific colour.

Automated Course Change Bot (REM Bot), *Python and Selenium*
• Takes in and saves a username and password to a text file used to login to YorkU's Registration and Enrolment Module (REM) and attempts to switch the user to a course/section using a given course code.

Extra-Curricular

September 2019 - Present | YorkU CSGO Leader & Manager/Coach
• Sept 2020 - Present, Varsity | Sept 2019 - April 2020, Junior Varsity
• Manage the team's communication with the club and handling league related tasks
• Leading the team in a competive and high pressured environment
• Collaborating and communicating with a team

Volunteer Experience

June 2014 - Sept 2015 | Campaigning for Peter Fonseca, *Mississauga ON*
• Calling home owners to arrange campaign signs to be put up
• Handing out flyers in front of stores and delivering mail

Skills

• Experience with cloud computing platforms
• Fundamentals of shell scripting (BASH) and database management basics (SQL) with tools like mySQL
• Proficient in coding with Java, and moderate experience with Javascript, C, C#, C++, and Python
• Windows and Linux (Unix) OS experience

Awards and Certifications

December 2019 | YorkU Engineering Design Competition Participation
June 2019 | Academic Letter and Ontario Scholar
February 2017 | CEMC Cayley Contest Top 25% (Distinction)
May 2015 | CEMC Gauss Contest Top 25% (Distinction)

Hobbies and Interests

• Computer hardware and wiring
• Competitive esports (CS:GO)
• Live streaming (Twitch)
• Piano