

Ben Nguyen

Mississauga, ON, (437)-995-1324 - b54nguye@uwaterloo.ca - www.linkedin.com/in/ben-nguyen-3bb316231

Experience

eBay, Mississauga, ON - Online Seller

April 2021 - Present

- Achieved over **\$40000 in revenue** by staying on current market trends, developing SEO strategies, implementing them in my store, and **increasing product searches by 10-15%**
- Optimized Shipping and Packaging, **reducing costs by around 50%**, lowering shipping prices for buyers
- Satisfied over 100 unique customers** by managing a display of over 300 unique products while maintaining and tracking an inventory of over 1000 coins, cards, watches, books, and memorabilia

Tim Hortons, Mississauga, ON - Team Crew Member

January 2023 - September 2023

- Worked Front Counter and Drive-thru, handling orders, preparing food and beverages, collecting payments, and maintaining an **average of 20 seconds per customer** on the drive-thru window during peak rush hours
- Cleaned and maintained all restaurant areas by cleaning the floors, sanitizing beverage machines, washing equipment, and garbage disposal, promoting a clean environment for customers
- Collaborated efficiently and effectively with co-workers to complete orders on time while providing friendly service to customers and preserving good relations with regulars of the establishment

St. Marcellinus Secondary School, Mississauga, ON -

Mathematics and Computer Engineering Tutor

October 2022 - June 2024

- Tutored 5 students** with academic needs in Functions, Advanced Functions, Calculus, and Computer Engineering, helping them with homework problems and giving tips on problem-solving and critical thinking
- Polished thoroughly explaining concepts and communication skills, resulting in a better teaching environment
- Contributed to a boost in their mark, overseeing an **increase of around 7-10% in their grade** in the course

Projects

Skittle Sorting

November 2023-January 2024

- Researched and Developed a machine that sorts Skittles by either all colors at the same time or just filtering a single color; materials used are an **Arduino, 2 Servo Motors, Breadboard Raspberry Pi RGB Sensor**
- Programmed with **C, C#, and Arduino**, the design was created via TinkerCad, **GUI made via Visual Studio**

Roblox Parkour Obby

November 2024-Present

- Developing a Roblox game using **Roblox Studios' Luau** that requires players to parkour over obstacles

VEX Robot Maze

October 2022-November 2022

- Built a **working efficient 4-motored Robot** that can traverse through a maze using **VEX distance sensors**
- Programmed the robot with **Python and VEX V5**, used **VEX Hardware Kits** to build the model of the robot

VEX Clawbot

January 2024-March 2024

- Developed a VEX claw with a built-in gyroscope to compete in a team of 4 at Skills Ontario Robotics 2024
- Implemented **Python and VEX V5**, Claw Built using **VEX Hardware** and **VEX Programming Hardware Kit**

Skills

Python - Java - Racket - Luau - C# - Arduino - VEX - Teamwork - Time-management - Visual Studio - Microsoft Office

Education

University of Waterloo, Waterloo, ON -

Candidate for Honours Bachelor of Mathematics

September 2024-Present

- Dean's Honours List Semester 1A, President's Scholarship of Distinction Recipient
- Member of the Data Science Club, Computer Science Club, and Korean Christian Fellowship,

St. Marcellinus Secondary School, Mississauga, ON - OSSD

September 2020-June 2024

- 4.0 GPA, President of Math Club, Developer in the school's VEX Robotics Team