

PATRICK HUYNH

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EDUCATION

University of Waterloo

Program: Honours Mathematics Co-op

- Cumulative GPA: 3.94/4, President's Scholarship

September 2020 - Present
Bachelors in Mathematics

SIDE PROJECTS

Dr. Goose | Chrome Extension

January 2021

Hack the North 2020++

- Collaborated with a team to develop an all-in-one Chrome extension equipped with over 8 different functional utility features designed for students studying online due to the COVID-19 pandemic
- Built using JavaScript, CSS, and the Chrome API in the span of 48 hours

Shopping Bot

April 2021

- Developed a Python program to determine when a product was in stock and send a notification text message
- Analyzed the desired HTML page, in customizable 60s intervals indefinitely, until manual program termination
- Notifies users instantly through SMS text messaging with a ~50ms delay
- Outlined different stages of development and debugged using problem solving skills

Data Manager

June 2020 - August 2020

Northview Heights S.S

North York, ON

- Student-run organization / graduation merchandise initiative
- Generated over +\$4000 in revenue with over 80+ orders across the Greater Toronto Area
- Implemented an automated organized spreadsheet of incoming order details using Office suite and Excel functions
- Created an income statement, trial balance, and a balance sheet to manage revenues and expenses
- Moderated social platforms to advertise and inform customers of important information

WORK EXPERIENCE

Staples Canada

July 2020 - October 2020

Operations Associate

Toronto, ON

- Worked collaboratively with others in a high stress environment due to the back to school season
- Analyzed customer's needs and informed them of different products as potential solutions
- Greeted and guided customers with an outgoing attitude to create a positive customer experience

Canadian National Exhibition

August 2019

Games Supervisor

Toronto, ON

- Acquired a diversity of customer service skills and how to approach different customers
- Collected, organized and stored large sums of money in an efficient and safe manner
- Worked long shifts all while standing and supporting customers

VOLUNTEER EXPERIENCE

Senior Programming Team - Program Facilitator

October 2019 - June 2020

Northview Heights Secondary School

North York, ON

- Instructed members of the program how to approach and solve common coding problems
- Walked student's through the problem solving process when students encountered difficulty
- Ensured weekly meetings were organized by coordinating with other team executives

SKILLS

- Java (3 years)
- HTML/CSS/JS (3 years)
- Familiar with: Python, C, & Racket (< 1 year)