

PATRICK HUYNH

647-906-8744 | p23huynh@uwaterloo.ca
2A | 20896258 | Honours Mathematics

phuynh.netlify.app | github.com/patrick-huynh | linkedin.com/in/-patrickhuynh

VOLUNTEER & WORK EXPERIENCE

Full Stack Software Developer

Sep. 2021 - Dec. 2021

The Co-operators

Kitchener, ON

- Developed web applications using HTML, CSS, and JS frameworks for product owners in an Agile workflow
- Created front-end user interfaces using React.js, Redux, and RESTful APIs
- Integrated back-end functionality using Node.js in conjunction with MongoDB
- Tracked project tasks using JIRA and managed code using Git to ensure organization within the team

Operations Associate

Jul. 2020 - Oct. 2020

Staples Canada

Toronto, ON

- Analyzed customer's needs and referred them to different products and services using customer service skills which resulted in a 50% increase in business/enterprise referrals
- Coordinated with floors team in a high-stress environment to maintain order and safety during COVID pandemic

QUALIFICATIONS

Languages/Technologies: JavaScript | React | Node | MongoDB | HTML/CSS | Java | C/C++ | Python | Git

- Proficient in Java, HTML/CSS/JS with over 3 years of experience
- Familiar with Python, C/C++ (OOP), & Racket with less than 1 year of experience
- Exceptional software development skills, communication skills, and teamwork skills gained through extracurricular activities, as well as numerous independent, and group side projects

PROJECTS

Shopping Bot

Apr. 2021

- Developed a Python program to determine when a product is in stock and send a notification via SMS text
- Analyzed the desired HTML page, using the requests and BeautifulSoup library, in 60s intervals
- Notifies users instantly through SMS text messaging with a ~50ms delay using the Twilio API

Dr. Goose | Chrome Extension

Jan. 2021

Hack the North 2020++

- Collaborated with a team to develop a Chrome extension in 48 hours with 8+ different functional utility features designed for online learning due to the COVID-19 pandemic
- Water/break reminders notify users using the integrated OS notification system
- Built using JavaScript, CSS, and the Chrome API in the span of 48 hours

Data Manager

Jun. 2020 - Aug. 2020

Northview Heights S.S

North York, ON

- Automated the collection and organization of customer order information using Google Sheets/Excel functions to sell and distribute graduation apparel
- Analyzed data using Excel to determine product counts and delivery routes which maximized ordering and distribution efficiency
- Generated over +\$4000 in revenue with over 80+ orders across the Greater Toronto Area

EDUCATION

University of Waterloo

Present - Apr. 2025

Candidate: *Honours Bachelor of Mathematics Co-op*

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