

# Vanshaj Vohra

✉ v6vohra@uwaterloo.ca ☎ +1 (226) 899-1668 in vanshajvohra 🌐 vanshajvohra 📄 vanshaj.me

## WORK EXPERIENCE

---

### Technical Product Intern, AutoCate

May 2022 – Aug 2022

- Developed and launched a Minimum Viable Product(MVP) of a company dashboard in Python and Flask that acts as an interface between the admin & users and allows for CRUD operations & authentication.
- Conducted market research, wrote PRD, and designed usability studies for 100+ beta users to determine the top addressable challenges and iterated based on the feedback.
- Led project to redesign the website, increasing views by 85%, unique visitors by 110% & signups by 65%.

### Software Engineering Intern, Ciena

Sep 2021 – Dec 2021

- Developed a prototype of a web-based visualizer to represent dependencies between network domains & microservices as an aid for real-time troubleshooting to be used by 2500+ developers in HTML & JavaScript.
- Wrote test suites in Python for a file system microservice that uses YANG RPCs to execute Linux commands as part of a standardized framework on an embedded platform.

## PROJECTS

---

### PhysiBot, Hack the North 2021 📄

Jan 2021

- Built an assistive web chatbot in React that provides a preliminary health prognosis and recommends the nearest healthcare facility while travelling in a foreign country as part of a 3-member team.
- Implemented the recommendation feature based on a machine learning model designed using an XGB classifier in the IBM Watson API Studio & Python.

### AgGro, IvyHacks 2020 📄

Oct 2020

- Developed a web application in HTML, CSS and JavaScript to aggregate and automate ordering groceries for individuals living in shared spaces by creating a persistent data store using Web Storage API.

### Budget Tracker, Personal Project 📄

Aug 2020

- Created a web application to track my college budget through intuitive color settings in React & ContextAPI.

### Reword, Personal Project 📄

Dec 2019

- Implemented a text summarization & keyword extraction program in Jupyter Notebook using PyTorch and T5 to assist with effective learning & studying.

## SKILLS

---

- **Programming Languages:** Python, JavaScript, C, C++, HTML & CSS, Racket, Shell, R, SQL
- **Technologies/Frameworks:** React, Git, Django, Flask, Docker, Linux, Jenkins, Figma

## EDUCATION

---

### Bachelor of Computer Science(Honours), University of Waterloo

Sep 2020 – Apr 2025

**Relevant Coursework:** Object-Oriented Software Development, Data Structures and Data Management, Computer Organization & Design, Foundations of Sequential Programs, Logic and Computation, Elementary Algorithm Design and Data Abstraction, Designing Functional Programs, Entrepreneurial Strategy, Statistics, Calculus II

## RESEARCH & PUBLICATIONS

---

### Relationship Between Personality Types and Academic Performance in Class X CBSE Exams,

Volume 07, Issue 4, October-December, 2019, International Journal of Indian Psychology 📄

## HONORS & AWARDS

---

### President's Scholarship of Distinction, University of Waterloo

Awarded to students with an admission average of 95% or higher

### International Semi-Finalist, Conrad Innovation Challenge 2018-19

Conceptualized a service that translates MOOCs into different languages to make online education more accessible