

Vasu Patel

[LinkedIn](#) | [Website](#) | [Email](#)

SUMMARY OF QUALIFICATIONS

- Experience in Object-Oriented Programming in Java and Junit through successfully completing COE318.
- 1+ year of experience in leadership and communication through managing various event teams.
- Knowledge of UML and SDLC including Agile, Waterfall and Iterative methods.
- Experience in Python, JavaScript, ROS and Ubuntu through being member of Ryerson Robotics Team.
- Experience in HTML, CSS, JavaScript and React through creating a personal portfolio website.

EDUCATION

Bachelor of Engineering - Computer Engineering

Expected April 2024

Ryerson University

Toronto, ON

- GPA: 3.96
- Relevant Courses: Digital Systems (COE328), Software Systems (COE318), Data Structures and Algorithms (COE428), and Object-Oriented Eng Analysis and Design (COE528).

PROJECT EXPERIENCE

Bookstore Application (OOP): Java

School Project, 2022

- Developed a GUI bookstore application with a group of 4 students using agile methodology.
- Implemented a state design pattern to the application and created UML diagrams such as class and use case.
- Implemented multiple classes and methods to create the application and utilized GIT for collaboration.

[Indeed Scraper](#): Python

Personal Project, 2021

- GUI based web scraping script utilized to scrape job listing from indeed into an excel file based on user inputs.
- The script was developed to automate job searching process and apply to applicable job listings.
- Libraries: requests, BeautifulSoup and Tkinter.

[Server](#), Python, ROS

Personal Project, 2021

- Implemented client and server scripts and communicated between the user and server scripts to display rover direction based on user input. Developed using socket and pynput for user input.
- Developed similar project in ROS Noetic between multiple publisher and subscriber topics.
 - Developed server and client scripts and logged client inputs to the server script.

[Personal Portfolio Website](#): HTML, CSS, JS, Bootstrap 5

Personal Project, 2022

- Developed and launched personal portfolio website using HTML, CSS, JavaScript, Bootstrap 5 and Git, to showcase personal and school projects.
- Used core concepts of Bootstrap 5 and HTML to create and implement page layout and components.

REVELANT EXPERIENCE

Ryerson R3 Robotics Team

Toronto, ON

Software Controls Member

Oct 2021 - Present

- Connected with peers in weekly meetings and work sessions while meeting deadlines.
- Developed client and server python project to simulate communication between rover and driver.
- Currently learning Robot Operating System (ROS) in Ubuntu using Python to be deployed in future robots.

SKILLS

Skills:

- Coding Languages: Java, Python, C, HTML, JavaScript, React and CSS
- Tools: Microsoft Office, Google Suite, GIT, Bootstrap 5, Ubuntu and MATLAB.