

Vasu Patel

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OVERVIEW

Second year computer engineering student seeking work opportunity. Experience working in OOP using Java, C, Python, HTML and other tools and languages. Seeking opportunity to gain relevant work experience by applying learned skills and knowledge in the field and develop my technical and soft skills. Good with math and problem solving. Adaptive to new technologies and softwares.

EDUCATION

Ryerson University

Computer Engineering / Bachelor of Engineering

Toronto, ON

Expected 2024

- GPA: 3.96
- Relevant Courses: COE318, COE328, COE428 and COE528

PROJECT EXPERIENCE

Java

- Blackjack Game (OOP): Implemented a Blackjack game against computer using objects, classes, and other java techniques. Implemented multiple classes and methods for the project based on provided skeleton templates.
- Grocery List App using Android studio and Java. Implemented the app in Android Studio using java by using java techniques such as objects, classes, activities, layouts, and menu.

Python

- Indeed Scraper: GUI based web scraping script used to scrape job listing from indeed into an excel file based on user inputs. Developed using requests, BeautifulSoup and Tkinter in Python.
- Server: 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.

HTML, CSS & JavaScript

- Personal Portfolio Website
 - Developed and launched personal portfolio website using HTML, CSS, JavaScript, Bootstrap 5 and Git.
 - Used core concepts of Bootstrap 5 and HTML to create and implement page layout and items.

LEADERSHIP EXPERIENCE

Ryerson R3 Robotics Team

Software Controls Member

Toronto, ON

2021

- Connected with peers in weekly meetings and work sessions while staying up to date on any tasks
- Developed client and server python project to simulate communication between rover and driver.
- Currently learning Robot Operating System in Ubuntu using Python to be deployed in future robots.

Ryerson Engineering Competition

Communication Committee Member

Toronto, ON

2020, 2021

- Creating sponsorship package for event sponsors and promoted the event on social media for better outreach and engagement for the event.

John D. Parker Junior School

Summer School Teaching Assistant

Etobicoke, ON

2018

- Volunteered as teaching assistant and performed all assistant duties, including mentoring and teaching.
- Worked with students on an individual and group basis to provide extra support to help complete assignments, reinforce concepts and improve performance.

SKILLS

Skills:

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