

# RUSHI PATEL



<https://patel-rushi.github.io/>



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Ottawa, Canada

## ABOUT ME

My knowledge of computer science is being combined with design and entrepreneurship as I pursue a unique master's degree. I am excited to apply this combination at your company.

## EDUCATION

### University of Ottawa, Canada

- MEng. Entrepreneurial Engineering Design  
Sep 2021 - Apr 2023
- Courseworks: UI/UX Design, Product Development & Management.
- Anticipated courseworks: Engineering Design, Software Engineering, Tech. Entrepreneurship

### Charusat University, India

- BEng. Information Technology (Computer Sci.)  
# Jun 2017 - May 2021 # GPA: 9.26 / 10
- Courseworks: Data Structures, Database, Programming (C++, Python, Java), Web design & development and software engineering (Agile Development).

## PUBLICATION

A paper entitled "Smart Garbage Segregation System Using IOT" is published in AJCT (ASIAN JOURNAL FOR CONVERGENCE IN TECHNOLOGY).

[Publication Link](#)

## SKILLS

- C++ , C , Python, PYQT5, SQL
- Laravel & Vue.js, CSS, HTML, BOOTSTRAP
- AWS, Git Version Control
- Microcontroller : Arduino, ESP32

## POSITION OF RESPONSIBILITY

- Head of Entrepreneurship and Communication Club. (July 2020 to May 2021)
- Coordinator of Computer Society of India (June 2019 to March 2020)

## EXPERIENCE

### Teaching Assistant, Engineering Design

University of Ottawa, Canada (Sep 2021 - Present)

In my role as a course TA, I am working with a class size of 20 students on requirement gathering, designing solutions, handling teams, and delivering real-world solutions.

### Software Developer Intern

HPC Sphere, India (6 Months: Feb - July 2021)

Built a web trading platform using Laravel & Vue.js. Handled numerous challenging problems like dynamic referral tree generation from database values, back-end API setup, front-end API calls using Vue.js, login & register system, and others.

### Python Developer Intern

Rlogical Techsoft, India (2 Months: April - May 2020)

Worked as a full stack Python developer on a software that detects plagiarism. Technologies: PYQT5 for the front-end and Python 3.8 for the back-end.

### Software Developer Intern

Ellipsis InfoTech, India (2.5 Months: May - July 2019)

Worked as a C# developer, adding new features to the e-governance software, optimizing the back-end code, improving the UI and UX, and solving bugs to come up with a better version 2.0 of e-governance.

## PROJECTS

### Sharebytes : File Backup and Sharing Software

C# and Google Cloud Platform.

File backup and sharing application designed to let students take a quick backup without requiring pen drives or logging into Gmail or Google drive.

[Video Link](#)

[Github Link](#)

### Plagiarism Checker : Desktop Application

Python 3.8 and QT 5 for UI.

I developed software that detects plagiarism, enabling professors to save money on already existing paid software.

[Video Link](#)

[Github Link](#)

### Disease Prediction

Flask, Python, ML, HTML, CSS, JS

Find out what disease you have by entering your symptoms. Through Flask, Web App symptoms are sent to trained ML models, and Flask sends predicted results to Web App.

[Video Link](#)

[Github Link](#)

### Smart Dustbin (IoT)

Arduino, Humidity Sensor, Ultrasonic Sensor, Motors

Segregates wet and dry waste based on humidity levels

[Video & Image Link of Prototype](#)

### Foodie : Online Food Ordering Web Application

HTML, PHP, CSS, BOOTSTRAPS, JS, APIs.

[Website Link](#)