

RUSHI PATEL



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Ottawa, Canada

ABOUT ME

I pursuing a unique master's degree where I'm combining my knowledge in computer science with design and entrepreneurship. I am excited to utilise this combination of my knowledge 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: Software Engineering, Engineering Design.

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 on “**Smart Garbage Segregation System using IOT**” is published in **ASIAN JOURNAL FOR CONVERGENCE IN TECHNOLOGY (AJCT)**.

[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)

Working as a TA for Engineering Design course. I am guiding class size of 20 students with requirement gathering, designing solutions, team handling, and delivering solutions to real clients..

Software Developer Intern

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

Worked on developing a web trading platform using Laravel & Vue.js. Solved many challenging problems like dynamic referral tree generation from db values, back-end API setup, front-end API calls using Vue.js, login & register system and many more.

Python Developer Intern

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

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

Software Developer Intern

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

Worked as C# developer. Added new features to the e-governance software, optimised the back-end code, improved UI & UX, solved bugs; and came up with improved and upgraded e-governance version 2.0

PROJECTS

Sharebytes : File Backup and Sharing Software

C# and Google Cloud Platform.

Created file back-up and sharing application, enabling students to take quick back-up from university's computer without having to use pen drives or login into gmail / drive.

[Video Link](#)

[Github Link](#)

Plagiarism Checker : Desktop Application

Python 3.8 and QT 5 for UI.

Created software for detecting plagiarism, enabling professors to save cost on already existing paid softwares.

[Video Link](#)

[Github Link](#)

Disease Prediction

Flask, Python, ML, HTML, CSS, JS

Enter the symptoms and get the predicted disease you have.

Entered Symptoms on Web App is passed to trained ML model via Flask, and predicted results is sent via Flask to Web App.

[Video Link](#)

[Github Link](#)

Smart Dustbin (IoT)

Arduino, Humidity Sensor, Ultrasonic Sensor, Motors

It segregates wet and dry waste based on humidity in waste

[Video & Image Link of Prototype](#)

Foodie : Online Food Ordering Web Application

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

[Website Link](#)