

Rohan Dey

COMPUTER SCIENCE, SOFTWARE ENGINEERING STREAM, SPECIALIST

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Skills

- Fluent in Javascript, HTML/CSS, React Native and MongoDB as demonstrated as a full stack developer for the Pawsup Inc. app.
- Fluent in Python and data tools as demonstrated through the completion of the vaccine redistribution project algorithm.
- Adept understanding of design patterns, data structures and SQL as demonstrated by completion of Software Design courses.

Competitions and Personal Projects

Pawsup App

Toronto, Canada

UNIVERSITY OF TORONTO

September 2021 - Present

- Communicated with Pawsup startup to create an app based on their requirements.
- Utilized Git version control and branching for frequent logs.
- Worked on Node.js backend to connect a relational MongoDB database.

Medical Clinic App

Toronto, Canada

UNIVERSITY OF TORONTO

August 2021

- Applied scrum methodologies as a scrum master to improve workflow and team efficiency.
- Used object-oriented programming techniques with Java and Android SDK to apply the MVP architectural pattern for easier understanding and maintenance.
- Utilized Git version control and branching for frequent logs.

LSBU Virtual Inter-University Coding Hackathon 2021

London, England

LONDON SOUTH BANK UNIVERSITY

June 2021

- Developed a fair and efficient algorithm in Python with Plotly and Tkinter to redistribute the vaccines between countries to ensure each country is able to fully immunize their populations.
- Placed 3rd overall in the competition out of more than 100 teams, and received high praise from judges for usage of data science and innovation to solve high level world problems in Python.
- Web-scraped country vaccination data from world health websites, and parsed the data into our country data class for easy storage and access.

Certificates and Training

2021	3rd Place , Finalist at LSBU Virtual Inter-University Coding Hackathon 2021	London, England
2020	International Baccalaureate Diploma , Sir Wilfrid Laurier Collegiate Institute	Toronto, Canada
2020	Bilingual Certificate , Sir Wilfrid Laurier Collegiate Institute	Toronto, Canada

Education

University of Toronto

Toronto, Canada

HONOURS BACHELOR OF SCIENCE IN COMPUTER SCIENCE

September 2020 - Present

- CGPA: 3.42

Experience

Yearbook Team

Toronto, Canada

LEAD EDITOR AND DESIGNER, SIR WILFRID LAURIER COLLEGIATE INSTITUTE

September 2018 - June 2020

- Communicated with teachers, school community and the Friesens printing company to grasp needs and wants of the school community.
- Planned page layouts and assigned positions and tasks for others to do so the yearbook could advance to the next phase/step.

LCPP Cultural Exchange Program

Toronto, Canada

STUDENT INSTRUCTOR, NOIC ACADEMY

January 2019 - March 2020

- Co-managed online virtual classrooms for foreign students with presentations in front of a foreign audience.