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 database languages, such as MongoDB, Cypher query and PostgreSQL as demonstrated by completion of University of Toronto certified Software Design courses.

COMPETITIONS AND PERSONAL PROJECTS

Pawsup App   Toronto, Canada
University of Toronto   September 2021 – December 2021
- 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.

LSBU Virtual Inter-University Coding Hackathon 2021   London, England
London South Bank University   June 2021
- Developed a fair and efficient algorithm in object-oriented Python with Plotly and Tkinter to redistribute the vaccines between countries to ensure each country can 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
Honours Bachelor of Science in Computer Science
- cGPA: 3.42

EXPERIENCE

LCPP Cultural Exchange Program
Student Instructor, NOIC Academy
- Co-managed online virtual classrooms for foreign students with presentations in front of a foreign audience.