

Rudra Dey

Connections:

Linkedin: [@deyrudra](#)

Youtube: [@deyrudra](#)

Awards:

Edward S Rogers Sr

Nelson Mandela Memorial

Community Police Liaison Committee

Skills

Programming Languages: Java, C, Python, React, & Javascript.

Team Skills: Active Communication, Leadership, Collaboration.

Technical Skills: CAD, 3D Printing, Arduinos, Building Computers.

Education

2023 - 2027

University of Toronto, St. George – Computer Engineering

Work

APRIL 2023 - JUNE 2023

Self-employed, Toronto– *Calculus & Vectors, Physics Tutor*

- Tutoring Canada's grade twelve students in Calculus & Vectors, and Physics 12.

Volunteer & Projects

JAN 2023 - MAY 2023

Technovation Girls (TMU), Toronto
Software Development Team Mentor

- Managed a youth team (of 4 people) for a competition over 4 months.

MAR 2023 - MAY 2023

Birchmount Park C.I. , Toronto
Computer Programming Instructor

- Created clear and engaging lessons for Javascript, and React Native with slides.
- Posed Youtube tutorials for 25 students, gathering about 6000 views on one video.
- Worked with professional computer science teachers to set up lessons for the students.

SEPT 2023 - DEC 2023

University of Toronto, Toronto
North Alleyway Redesign Project Member

- The North Alleyway is being redesigned due to construction beneath it.
- Working with 5 others of the same discipline.

FEB 2024 - APRIL 2024

University of Toronto, Toronto
Walking Cane Design Project Member

- A client wishes to design his own walking cane fit to his specific needs: single handed and at least 3 stages of height.
- Technical Skills: Engineering drawings, CAD, Communication Skills,
- Working with 5 others of similar disciplines.

Canon Camera Panning Project

- Repurposed an old digital canon camera
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Realtor Website | Co-developer

- Created a realtor's website, using React and Google Realtime Database

FEB 2024 - PRESENT

Sensory Register and Individual Programmable Temperature Controller

- An existing technology of a basic temperature controller through sensor and heat register flow. However, with some advancements. Taking into consideration other heating/cooling entities within the room, such as fans, windows, space heaters, and sunlight.
- Working with Arduinos, CAD, Engineering Drawings, Prototyping, Wind Analysis, Solar Analysis, and various mechanical components.