

# PARTH DOSHI

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## EDUCATION:

Bachelor of Computer Science: Expected in 2026

Dalhousie University - Halifax, NS

## CO-OP STATUS:

Completed 4 of 8 semesters as of Winter 2024.

Looking for a 4-8 month co-op from Summer 2024

## SKILLS:

HTML, CSS, Java, JavaScript, React, Python

## RELEVANT EXPERIENCE:

### On-Board Computing Team (AI), 10/2023 - 12/2025

- MANTIS is the second CubeSat nano-satellite being launched by Dalhousie University into low-Earth orbit.
- Our team of 9 students is working on different aspects to build an algorithm predicting the greenery in an area
- Using Python, I am working on data serialization and image processing algorithms of images coming in every 2 weeks.

### Udemydemo (Web-application),

- Co-developing an online learning platform inspired by Udemy, with a peer, facilitating seamless video uploading and viewing experiences.
- Utilized React as the framework and about 93% JavaScript to ensure an interactive and user-friendly interface.
- The collaborative project showcases my skills in web development and is accessible on GitHub at <https://github.com/p-doshi/udemyDemo>

### Software Development(CSCI 2134), 09/2023 – 12/2023

- Completed a comprehensive course focused on mastering software development principles and documentation practices, scoring above 90%.

- Proficient in automated testing tools and frameworks, particularly in IntelliJ, with a strong foundation in Java with 1.5 years of experience through university courses.
- Acquired expertise in Git, demonstrating effective version control and collaboration skills which helped me in 3 projects until now. This knowledge contributes to a skill set for efficient and high-quality software development.

## **CERTIFICATIONS:**

Participated in NASA SpaceApps Challenge 2023:

- Collaborated with fellow participants taught me the importance of teamwork, and communication, and how diverse perspectives can lead to innovative solutions.
- Connected with the judges and mentors helped me understand real-world perspectives of dealing with large amounts of data.

Participant in RBC Innovation Challenge 2023:

- Encountering real-world challenges enhanced my ability to think critically and devise innovative solutions swiftly, particularly when faced with unexpected situations.

Future Work:

- Software Engineering (CSCI 3130) a course I will be taking from 01/2024 to 04/2024 that will help me in, gaining expertise in planning, project management, design, testing, and evaluation.
- Specialized in top-down design, structure charts, system diagrams, and quality control.
- Developed valuable skills in team management and effective project execution.

## **OTHER EXPERIENCE:**

**Team Leader**, 10/2022 to Current

**McDonald's** – Halifax, NS

- Monitor team performance of 8-12 people during a shift and provide constructive feedback to increase productivity and maintain quality standards.
- Supervised team members to confirm compliance with set procedures while maintaining an average serving time of under 120 seconds.
- Developed strong customer relationships by consistently maintaining a positive demeanor and providing valuable responses.
- Certifications - Awarded employee of the month within 3 months of joining the company