

Swayam Sachdeva

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EDUCATION

Western University

Honours BSc Computer Science

London, ON

Sep. 2022 – Apr. 2026

TECHNICAL SKILLS

Languages: Java, Python, C, C#, UNIX, REACT, JavaScript, HTML/CSS

Developer Tools: Visual Studio, PyCharm, IntelliJ, Eclipse, Github, Slack, Command line, Linux, Windows, Mac OS

WORK EXPERIENCE

Communications Exec

Nov. 2023 – Present

Paper Art Club

- Managed the online presence of the Paper Art Club.
- Authored bi-weekly **creative emails and announcements to inform 75+ club members** of various events happening in the club throughout the week.
- Assisted VP Communications with **club photography and marketing**.

Web Developer

Nov. 2023 – Present

Western Developer's society.

- Collaborated closely with team managers to conceptualize and plan a functional, **visually appealing site design** that aligned with the client's brand identity.
- Designed and **created functional code** to implement client expectations for "projects" section
- Participated in weekly team sessions, within the organization, to **test and design features**.

Project Manager

Oct. 2023 – Present

Computer Science Undergraduate Society (CSUS)

- Led a dynamic team in the **planning and execution of a web-development project** within CSUS, ensuring alignment with the society's goals and expectations.
- Developed and maintained project plans, oversaw tasks, timelines, and resources to ensure **successful and timely project completion**.
- Fostered a collaborative team environment through effective communication, regular meetings, and the facilitation of skill-building opportunities, contributing to the professional development of society members.

Senior Robotics Instructor

Jun. 2023 – Aug. 2023

Brickworks Academy

- Instructed a group of **8-10 kids** the **basics of programming** with lego robotics.
- Managed classrooms, fostered teamwork, and **ensured safety** during hands-on robotics projects.
- Provided **individualized support** for students, **adapting teaching methods** to diverse learning needs.

Project Developer | Assistant Manager

Nov. 2022 – Apr. 2023

Western A.I. Club

- Collaborated within a developer team to create an **image detection A.I. model emulating a player** in a video game.
- Devised a Python-based **path-finding algorithm** that generated inputs for the A.I. model to follow.
- Led and **directed a team of three developers** in the execution of path-finding solutions.
- Collaborated with team members to research, write, and **publish a research paper** detailing the development and outcomes of our image detection A.I. model.