

# Jaya Lohana

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## EDUCATION

### York University

Bachelor of Arts in Computer Science

Toronto

2022 – 2026

### Relevant Coursework

Linear Algebra, Calculus, Data Structures and Algorithms, Object-Oriented Programming, Database Systems

## EXPERIENCE

### Software Development Intern

GAOtek Inc.

April 2023 – Present

Toronto, Canada

- Collaborated with the team to design and develop software features, ensuring adherence to coding standards.
- Assisted in implementing and maintaining backend systems, utilizing technologies such as **Spring Boot** and **RESTful APIs**.

### Frontend Developer

yuHacks2023 | York University.

May 2023 – Present

Toronto, Canada

- Utilizing **React.js** and **Redux** to build scalable and modular components for the merch store website, enabling efficient state management and seamless integration with the backend **APIs**.
- Employing modern frontend frameworks and libraries like **Vue.js** and **GraphQL** to develop dynamic and interactive features for the merch store website, enhancing user engagement and providing real-time data updates.

## PROJECTS

### PyGames | Python, PyGame

- Space Invaders: Developed a 2D arcade game using **Pygame** library for graphics and physics and implemented game logic and user input handling in **Python**.
- Snake: Built a classic arcade game using **Pygame** library for graphics and physics and implemented game logic and user input handling in **Python**.

### To-Do List Application | React, CSS, JavaScript, HTML, Git

- Designed and implemented a responsive and user-friendly interface with modern **UI/UX** principles and practices, including material design and responsive typography.
- Utilized various state management tools and libraries such as **React** hooks and **Redux** to manage the application's state and ensure a seamless user experience.

### SSY Website | JavaScript, React.js, Bootstrap

- Designed and developed the official website for the Schizophrenia Society at York University using **React.js**, **Bootstrap**, and **JavaScript**.
- Applied responsive design and user-friendly features to enhance user experience and utilized **Figma** to create website templates while collaborating with the team to ensure the website met the organization's needs.

## LEADERSHIP

### Community Engagement Volunteer

York University

July 2022 – Present

Toronto, Canada

- Scheduled regular community engagement and global outreach discussions, mentored, and provided peer-to-peer support to four students for four months, enabling their academic and personal growth.
- Promoted events, programs services, and activities to participants using social media and classroom visits to encourage participation for over 25 students on a weekly basis exercising my organization and planning skillset.

### Vice President (Advocacy)

Many Green Hands

July 2022 – Present

Toronto, Canada

- Increased social media impressions by 247% in a two-week marketing campaign blitz by crafting a content design of social media and content marketing strategy for the sustainability and gardening initiatives.
- Led two workshops regarding gardening, DIY plant cultivation projects, and initiatives for 25+ attendees with positive attendee responses citing incredibly informative content and easily digestible presentations.

## TECHNICAL SKILLS

Java, Python, JavaScript, HTML/CSS, React, Node.js, JUnit, WordPress, Material-UI, Git,