

# Lance Adhikari

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Alwood Point SW, Edmonton, Alberta, T6W 4N1

<https://www.lanceadhikari.com> (under construction)

## OBJECTIVE

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Motivated and aspiring cybersecurity professional with foundational knowledge in computer science, focusing on securing the Internet of Things (IoT), web application development, data science, incident response, and purple teaming. Eager to leverage skills in cybersecurity, network defense, and risk management to contribute to a forward-thinking organization in a technology-driven environment.

## EDUCATION

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### High School Education

Sep 2023 - Jun 2026

Dr. Anne Anderson High School • Edmonton, Alberta

I am a Grade 10 student at Dr. Anne Anderson High School with graduation date on June 2026.

## SKILLS

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### - Communication Skill (As a guest speaker for website creation presentation):

<https://necase.ca/newsite/programs/edmonton-chautari/community-book-exchange-program-a-community-led-initiative/>

- **Structured Programmer:** Programming languages that I know: JavaScript, Java, Python, and JSON

- **Client-Side Scripter + Web Developer:** Programming languages that I know: HTML, CSS, and PHP

- **Database (Backend Development):** I have utilized MySQL to ensure data integrity and efficient data retrieval. MySQL played a crucial role in developing the database architecture for my Community Book Exchange website.

- **Web Designer:** As a Web Designer, I apply my knowledge of HTML and CSS to create visually appealing web interfaces while also ensuring a responsive and user-friendly layout

- **Content Creator (YouTube):** I also manage two YouTube channels; TryToBeUSEFUL, where I share educational content and my second channel Technolot, which is part of my hobby

## WORK EXPERIENCE

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### Book Exchange Website Creation

Dec 2020 - Present

NECASE • Edmonton, Alberta

Worked over 3 years to develop Community Book Exchange using many languages that span between HTML, CSS, JavaScript, JSON, and PHP. We also integrated the use of MySQL database to store all backend information. Although the website is fully functional, we still come around to doing maintenance and adding new features every once in a while. The link to the website can be found here:

<https://bookexchange.necase.ca/>

## VOLUNTEER WORK

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### GitHub Contributions

Jan 2021 – Present

As a proactive member of the online open-source community, I manage a GitHub page where I contribute to various projects and share my own innovative solutions. GitHub page: <https://github.com/Lance-Adhikari>

### Leaders in training Camp (LIT)

August 6 to 9, 2024

TELUS World of Science – Edmonton

## AWARDS AND HONOURS

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### 100k YouTube Play Button

2024

In recognition of my channel Technolot surpassing 100,000 subscribers, I was honored with the YouTube Silver Play Button

### 2nd Place Badminton City Finals

2023

I was awarded a silver medal for securing second place in badminton city finals during the year of 2023