

# Alex Nickerson

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<https://github.com/alex-nickerson>

## SUMMARY OF QUALIFICATIONS

- Pursuing Bachelors of Computer Science Honours at the University of Windsor
- Created multiple personal web projects, advancing skills in HTML, CSS, JavaScript, React and Databases
- Competed in multiple programming competitions, making it to the regional stage using Python
- Worked at Metro 3+ years, trained multiple employees, and returned to work over school breaks
- Assisted workers and upgraded systems as an IT Technician at Alliance Solution Group

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, HTML, CSS, JavaScript
- **Operating Systems:** Windows 11, Windows 10, Linux
- **Microsoft Office:** Word, Excel, PowerPoint, Teams, Outlook
- **Google Suite:** Docs, Sheets, Slides, Meet, Gmail
- **Version Control:** Git

## EDUCATION

### Bachelor of Computer Science Honours Computer Science Co-op

Sept 2022 - Dec 2026

University of Windsor, Windsor, ON

- Major Average: 76.5%
- Key Courses: Intro to Algorithms I – 95%, Intro to Algorithms II – 85%, System Programming – 87%, Object Oriented Programming Using Java – 84%, Data Structures and Algorithms – 88%

## PROJECTS

### Str Beats

June 2025

Personal Project | <https://str-beats.vercel.app/>

- Utilized online databases (Supabase, Cloudflare R2) to store and query data and files
- Created a modular user interface that changes depending on user's device
- Hosted website via Vercel

### Alex's Clothing

Apr 2025

Academic Project

- Developed skills in PHP to connect to a local SQL database via XAMPP
- Implemented E-commerce features such as “add to cart” and “checkout” using JavaScript
- Achieved 96% as grade on final project

### Tic Tac Toe

Sept 2024

Personal Project

- Established skills in React, a popular and intuitive JavaScript library
- Expanded skills in HTML and CSS to function with React
- Tracked project development using Git version control

### Car Booking Service

Apr 2024

Personal Project

- Used HTML, CSS and JavaScript to create a website for a client that showcases their services
- Tracked development with a teammate using git features such as commit, push, pull, branch, and merge
- Implemented a mobile device friendly design that updates the website based on your viewing device

## CODING COMPETITIONS AND CHALLENGES

### International Collegiate Programming Contest

Sept 2023 - Oct 2023

ICPC Foundation, Windsor, ON

- Solved 3 difficult programming challenges in 4 hours using Python
- Represented University of Windsor with 3 teammates at regionals, East Central North America Regional Competition

### International Collegiate Programming Contest

Feb 2023

ICPC Foundation, Windsor, ON

- Demonstrated proficient use of Python together with 2 teammates to solve complex programming problems
- Enhanced my analytical and problem-solving skills by interpreting complex problems

## WORK EXPERIENCE

### IT Technician

June 2025 – August 2025

Alliance Solution Group, Brampton, ON

- Assisted workers with technical issues and upgraded various systems
- Used KnowBe4 to monitor and educate workers on phishing attacks

### Cashier

Aug 2022 – May 2025

Metro, Mississauga, ON

- Analyze customer feedback and utilize problem-solving skills to create a positive situation
- Utilize experience in verbal communication, independency, and proactiveness to serve customers

### Courtesy Clerk

Sept 2021 - Aug 2022

Metro, Mississauga, ON

- Trained multiple employees, developing a strong sense of leadership and communication
- Received customer issues and complaints, then worked to find a resolution

## RELATED EXPERIENCE

### Robotics Club Member

Nov 2020 - Apr 2021

Meadowvale Secondary School, Mississauga, ON

- Developed a robot as a team for the FIRST robotics competition
- Utilized Kotlin as a team to build and troubleshoot various mechanisms
- Formed valuable skills in teamwork, code organization, and problem-solving