

# Alex Nickerson

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<https://github.com/alexnickerson>

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, Kotlin
- **Website Development:** HTML, CSS
- **Operating Systems:** Linux, Windows 11, Windows 10

## EDUCATION

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

Sep 2022 - Dec 2026

University of Windsor, Windsor, ON

- Major Average: 82.5%
- Courses: Object-Oriented Programming using Java, Introduction to Algorithms I & II (C), Theoretical Foundations of Computer Science

## PROJECTS

### Personal Portfolio Website

Jul 2023

Personal Project, Windsor, ON

- Created an effective website to showcase personal projects using HTML and CSS
- Developed basic and intermediate skills in website design and user interface creation
- Implemented user experience skills to create an intuitive and easy to use navigation design

### Command Line Calculator

Nov 2022

Academic Project, Windsor, ON

- Displayed fluent knowledge in C through classes and input handling
- Designed easily readable object-oriented code with whitespace and comments
- Performed rigorous testing to improve performance, time complexity and user experience

### Pokemon Battle Simulator

Apr 2021

Group Academic Project, Mississauga, ON

- Deployed Python with help of Tkinter for the GUI, and received a grade of 89%
- Collaborated as a team of three people, learning useful communication and teamwork skills
- Established skills in GIT through Github to track and update code among group members
- Administered time management skills to complete project development within 1 week

### Scrabble Game

Jan 2021

Academic Project, Mississauga, ON

- Recreated Scrabble through only Python, learning important skills such as filtering user input and displaying information concisely
- Discovered important programming skills such as proper testing protocols and commenting code
- Refined standard object-oriented practices through use of classes and functions

## WORK EXPERIENCE

### Cashier

Aug 2022 - Present

Metro, Mississauga, ON

- Improve technical knowledge among coworkers by demonstrating use of new technologies
- Analyze customer feedback and utilize problem solving skills to create a best case scenario
- Generate strong connections with customers and coworkers through teamwork and communication

### Courtesy Clerk

Sep 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

**Deli Clerk**

Aug 2021 - Sep 2021

Metro, Mississauga, ON

- Handled customer interaction and service in an organized and timely manner
- Collaborated with coworkers to address various problems and build teamwork

**CODING COMPETITIONS AND CHALLENGES****International Collegiate Programming Contest**

Sep 2023 - Oct 2023

ICPC Foundation, Windsor, ON

- Deciphered difficult programming challenges through Python with help of 2 other teammates
- Represented University of Windsor along with 3 other teams at stage 2, North America Qualifiers

**International Collegiate Programming Contest**

Feb 2023

ICPC Foundation, Windsor, ON

- Demonstrated proficient use of Python together with 2 other teammates to solve difficult programming problems

**Mount Allison Programming Showdown**

Oct 2022

Mount Allison University, Windsor, ON

- Answered a series of coding problems as a team of 3 with Python and Java

**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