

Alex Nickerson

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TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C
- **Website Development:** HTML, CSS, JavaScript
- **Operating Systems:** Windows 11, Windows 10, Linux
- **IDE's:** Visual Studio Code, Vim
- **Version Control:** Git

EDUCATION

Bachelor of Computer Science Honours Computer Science Co-op

Sep 2022 - Dec 2026

University of Windsor, Windsor, ON

- Major Average: 83.5%
- Courses: Object-Oriented Programming using Java, Introduction to Algorithms I, Introduction to Algorithms II, Computer Architecture: Digital Design, Computer Architecture: Micro Program, Key Concepts in Computer Science, System Programming, Theoretical Foundations of Computer Science, Data Structures & Algorithms

PROJECTS

Personal Portfolio Website

Jan 2024

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 design

Rock Paper Scissors

Jan 2024

University of Windsor, Windsor, ON

- Recreated Rock Paper Scissors versus a computer with HTML, CSS, and JavaScript
- Managed project using Git with features such as commit, push, checkout, and merge
- Gained experience with JavaScript features such as query selectors and event listeners

Landing Page Template

Jan 2024

University of Windsor, Windsor, ON

- Constructed a seamless template of a landing page for a website using HTML and CSS
- Tracked development using Git by making frequent and descriptive commits

Command Line Calculator

Sep 2022 - Nov 2022

University of Windsor, 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

Jun 2021

Meadowvale Secondary School, Mississauga, ON

- Deployed Python with help of Tkinter for the GUI, and received a grade of 89%
- Established skills in GIT through Github to track and update code among 4 group members
- Administered time management skills to complete project development within 1 week
- Developed program using Visual Studio Code, gaining experience with using IDE's

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 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 other teammates to solve difficult programming problems
- Enhanced my analytical and problem-solving skills by interpreting complex 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
- Established key communication and analytical skills with my team members

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 positive situation
- Utilize experience in verbal communication, independency, and proactiveness

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 using problem-solving skills

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