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, IntelliJ, Vim

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 & II, Theoretical Foundations of Computer Science, Computer Architecture: Digital Design, Key Concepts in Computer Science, System Programming

PROJECTS

Personal Portfolio Website   Jul 2023 - Aug 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 design

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

Scrabble Game   Jan 2021
Meadowvale Secondary School, Mississauga, ON

- Recreated Scrabble using 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

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