

Nicholas (Nick) Lalonde

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EDUCATION

Wilfrid Laurier University

Honours BSc Computer Science

Waterloo, ON

2022 - Present

Highlights: Dean's Honour Roll (2023)

- Proficient in data structures, algorithms, and mathematical concepts crucial for Computer Science.

WORK EXPERIENCE

The Municipality of Saugeen Shores

Lamont Sports Park

Saugeen Shores, ON

Summer 2023

- Managed and preserved 156 acres of land designated for baseball activities, overseeing the upkeep of playing fields. Responsibilities included accurately chalking lines, leveling dirt surfaces, and meticulous weed removal to ensure a professional and well-maintained playing environment.
- Seamlessly collaborated with a small team of 3, which fostered an environment of open communication and teamwork, contributing to the efficient execution of tasks.
- Spearheaded the coordination and execution of baseball events, tournaments, and leagues, showcasing effective event planning and organizational skills.

The Municipality of Saugeen Shores

Grass Crew

Saugeen Shores, ON

Summer 2022

- Demonstrated exceptional leadership by leading and motivating a team of four in executing grass cutting operations, achieving consistent excellence in service delivery.
- Prioritized and upheld strict safety measures in all grass cutting operations, emphasizing the proper use of personal protective equipment and adherence to safety protocols.
- Actively listened to team members' input, ideas, and concerns, valuing diverse perspectives, and creating a space for constructive discussions.

UPI Energy

Gas Attendant + Supervisor

Port Elgin, ON

Jun 2019 – May 2022

- Aided in the coordination of a team of 10 to maintain smooth operations of the worksite, while delivering exceptional customer service in fast-paced environment, to meet seasonal, monthly, and weekly deadlines.
- Onboarding new employees, delivering training on safety and important procedures, systems, and various products and services.
- Resolved customer complaints, taking necessary action to keep customer satisfaction and follow company protocols.

COURSEWORK EXPERIENCE

Data Structures

- Grasp of the intricacies of array based and linked data structures (Lists, Stacks, Queues, Priority Queues, Trees, Graphs) as well as a comprehensive understanding of Hash Tables and Heaps, showcasing proficiency in implementation within C, Java, and Python.
- Demonstrated expertise in crafting optimal time complexity algorithms utilizing a variety of data structures to address computational challenges.

Object Oriented Programming

- Explored advanced concepts such as polymorphism, abstraction, encapsulation, and inheritance to enhance flexibility, simplification, security, and to promote code reusability.
- Experience working with and creating interfaces to create clear contracts between components, enhancing code modularity and collaboration in project implementation.

TECHNICAL SKILLS

Technical Skills: C, Java, Python, ARMv7, Visual Basic for Applications (VBA), and Microsoft Office Suite (Word, PowerPoint, Excel, Visio, Project, Access)