

# Nicholas Parise

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## Education

**Honours Bachelor of Science in Computer Science (Co-op)**      September 2021 - Present  
Brock University, St. Catharines, ON

## Technical Skills

- Well versed in general applications involving Java and C++
- keen understanding of web development using Javascript, HTML5, and CSS
- Proficient in Microsoft Power platform development, Power Automate, Power Apps, and Power BI
- Proficient in Object-Oriented programming along with a deep understanding of data structures and algorithms
- Understanding of relational databases with experience using PostgreSQL
- Keen understanding of computer hardware components
- Proficient with MS Office products including Word, PowerPoint and Excel
- Extensive proficiency using the Windows operating system
- Familiar with industrial design and manufacturing along with Autodesk inventor

## Work Experience

**IT Service Management integrator (Co-op)**      January 2023 - January 2024  
Ministry of Public and Business Service Delivery - St. Catharines, ON

- Lead development on the "Service management digital portal" an in-house government website to promote cooperation between ministries by simplifying the process of creating service assessments.
- Using the power apps platform created and fully implemented several complex tables along with over 20 power automate flows to improve functionality
- Mentored fellow co-op students in MS Power platform development along with Web development
- Improved documentation for users and developers by created and editing over 100 pages of technical documentation including user guides
- Created over 50 custom Javascript functions to improve the functionality of the website. Along with improving the UI & UX, these changes also brought the website up to government accessibility standards.

**Secretary**      May - August 2022

Pack N Rail - Burlington, ON

- Maintained office productivity by managing phones and emails, purchasing office equipment, creating invoices and purchase orders, filing paperwork and General IT/computer help
- Increased client retention by actively communicating with customers so our service could best suit their unique needs
- Increased productivity by reorganising the filing system to better reflect frequent access to archival purchase orders

## **Freelance Landscaper**

May - August 2022

Self employed - Burlington, ON

- Performed seasonal upkeep of existing landscaping by trimming, weeding and gardening to customers' needs and requirements
- Increased productivity by analysing inefficiency and developing a more effective way to schedule tasks to better allocate time and labour
- Maintained equipment by cleaning and completing bi-weekly inspections to ensure the safety of staff

## **Projects**

### **Campus navigation app**

- An android app that uses location services and the ArcGIS sdk to create an interactive campus navigator. Allowing students to easily navigate the confusing campus.

### **Traffic simulator**

- A traffic simulator that uses advanced object oriented principles to control a fleet of vehicles through a map of roads and intersections, the user controls their own vehicle making important decisions along the way to prevent crashes.

### **Tetris**

- A recreation of the classic arcade game in java using object oriented principles.

## **Academic Achievements**

### **Dean's honours List**

2021 - 2023

Brock University, St. Catharines, ON

### **Scholars Award**

2021 - 2023

Brock University, St. Catharines, ON

## **Volunteer Experience**

### **Camp Counsellor**

July 2019

Camp Grow, Burlington, ON

- Improved camper engagement by planning and coordinating with a team of counsellors to have fun activities such as arts, sports and games

## **Clubs**

### **First Robotics Team Member**

September 2018 - June 2021

MM Robinson High School, Burlington, ON

- Mentored several underclassmen in the use of design software and machinery
- Implemented creative solutions to programming computer vision in autonomous driving routines along with simplifying control schemes to aid in driver comfort