

## SUMMARY

As a Third-Year student at Trent University, I am actively working towards my Astrophysics & Computer Science degree. I possess specialized skills in Artificial Intelligence, app development, website development, and complex scripting, which have been honed through various projects and personal endeavors.

## SKILLS

**APP DEVELOPEMENT:** Dart, Flutter, Java, Kotlin, Swift, Objective-C, React.js

**PYTHON:** Python 2, Python 3, Machine Learning using Tensor ow, NumPy

**WEB DEVELOPEMENT:** HTML, Javascript, CSS

**PROGRAMMING LANGUAGES:** Java, Node.js

**HARDWARE:** Building Computers

## EDUCATION

**White Oaks Secondary** **Apr. 2019 to July 2022**  
Ontario Secondary School Diploma Secondary School 2022

Graduated with the Ontario Secondary School Diploma (OSSD)

**Saltfleet District High School** **Sept. 2022 to June 2023**  
Ontario Secondary School Diploma Secondary School 2022

Graduated with the Ontario Secondary School Diploma (OSSD)

**Trent University** **Sept. 2023 to Current**  
Software Engineering Honors Computer Science 2027

## AWARDS

**THIRD PLACE IN TECH UNDER 20 CUP 2021** **Mar. 2021**  
Third place in 2021 Tech Under 20 Cup for Moomatic. Moomatic works to reduce operational costs for farmers and minimize environmental impact through precision feeding.

**TECHNOLOGICAL WINNER IN TECH UNDER 20 CUP 2020** **Mar. 2020**  
Technological winner in 2020 Tech Under 20 Cup for ZERO. ZERO is a reusable item share program aimed at reducing plastic waste.

## EMPLOYMENT

**TECH UNDER 20** **Greater Toronto Area**  
Chief Technical Officer Feb. 2022 to Current

- Redesigned Discord Bot and rewrote code in Node.js
- Developed an application and it's backend to manage events hosted by Tech Under 20
- Led a team of 4 senior software developers

**Senior Software Developer** **Greater Toronto Area**  
Feb. 2022 to Sept. 2022

- Worked on internal application for participation and member management and attendance
- Contributed to the successful launch of an internal application by ensuring it was production-ready and pushing it to production

**QUEENSTON CHEVROLET BUICK GMC** **Queenston Chevrolet Buick GMC**  
Sales Facilitator and Programmer - Summer Student Intern June 2023 to July 2023

- Helped make sales more efficient by writing code to help speed up the process of using CDK and common Tasks
- Contributed to vehicle sales by making deals in CDK & getting vehicles ready for delivery
- Ensured the Dealership always looks attractive by rearranging The Showroom, the visible lot, and the compound

## ACTIVITIES

TECH UNDER 20 CUP · Participant	Dec. 2020 to Mar. 2021
A competition organized by students to showcase their skills while fighting world challenges.	
HACK THE VALLEY IV · Participant	Feb. 2020 to Feb. 2020
A competition organized to see how the students' idea would survive in a real life situation.	
TECH UNDER 20 CUP · Participant	Sept. 2019 to Apr. 2020
A competition organized by students to showcase their skills while fighting climate change	
HACK THE HAMMER II · Participant	Nov. 2019 to Nov. 2019
A competition organized to see how the students' idea would survive in a real life situation.	
FIRST ROBOTICS COMPETITION · Participant	Sept. 2018 to Dec. 2018
Participant at FRC team #3893	

## PROJECTS

<u><a href="#">TRENT UNIVERSITY CLASS LOCATOR</a></u>	Sept. 2023 to Current
Developed an app from scratch that helps users get to their class at Trent University.	
<u><a href="#">THE WEDDING APP</a></u>	Mar. 2021 to Current
Led a self-directed project to create a comprehensive wedding planning application, aimed at streamlining communication between wedding managers and guests.	
<ul style="list-style-type: none"><li>• Developed the calendar feature, enabling seamless synchronization with native calendar applications</li><li>• Designed and implemented a location feature, allowing for easy integration with preferred navigation apps</li><li>• Created an event management feature with built-in integration to native calendar apps</li><li>• Designed and developed an in-app chat feature, complete with customizable notifications</li><li>• Developed a file sharing feature with integrated support for native file browsing apps</li><li>• Finally, designed and implemented a contact event manager feature with integration to allow for calling using the user's phone number</li></ul>	
<u><a href="#">MOOMATIC</a></u>	Dec. 2020 to Mar. 2021
Moomatic's main goal is to eliminate inefficient cattle feed procedures with a non-disruptive precision feeding system	
<ul style="list-style-type: none"><li>• Led a team of 2 software developers, and 2 business experts</li><li>• Designed and developed the machine learning infrastructure and algorithms used within Moomatic's hardware and software</li></ul>	
Led a cross-functional team of two software developers and two business experts in the design and development of Moomatic's precision feeding system.	
<ul style="list-style-type: none"><li>• Specifically, created the machine learning infrastructure and algorithms utilized in both the hardware and software components of the system.</li></ul>	
<u><a href="#">ZERO</a></u>	Sept. 2019 to Apr. 2020
Managed a team of one software developer and two hardware developers in the development of ZERO's mobile application and vending stations.	
<ul style="list-style-type: none"><li>• Specifically, designed and developed the application and back-end components required for a seamless user experience.</li></ul>	

## VOLUNTEERING

BORCHARD COMMUNITY CENTER · Volunterer	July 2018 to Aug. 2018
Thousand Oaks California	
Volunteer at Borchard for Daycare	