

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 DEVELOPMENT: Dart, Flutter, Java, Kotlin, Swift, Objective-C, React.js

PYTHON: Python 2, Python 3, Machine Learning using TensorFlow, NumPy

WEB DEVELOPMENT: 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

Chief Technical Officer

Greater Toronto Area
Feb. 2022 to Current

- Redesigned Discord Bot and rewrote code in Node.js
- Developed an application and its 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

Sales Facilitator and Programmer - Summer Student Intern

Queenston Chevrolet Buick GMC
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

A competition organized by students to showcase their skills while fighting world challenges.

Dec. 2020 to Mar. 2021

HACK THE VALLEY IV · Participant

A competition organized to see how the students' idea would survive in a real life situation.

Feb. 2020 to Feb. 2020

TECH UNDER 20 CUP · Participant

A competition organized by students to showcase their skills while fighting climate change

Sept. 2019 to Apr. 2020

HACK THE HAMMER II · Participant

A competition organized to see how the students' idea would survive in a real life situation.

Nov. 2019 to Nov. 2019

FIRST ROBOTICS COMPETITION · Participant

Participant at FRC team #3893

Sept. 2018 to Dec. 2018

PROJECTS

TRENT UNIVERSITY CLASS LOCATOR

Sept. 2023 to Current

Developed an app from scratch that helps users get to their class at Trent University.

THE WEDDING APP

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.

- Developed the calendar feature, enabling seamless synchronization with native calendar applications
- Designed and implemented a location feature, allowing for easy integration with preferred navigation apps
- Created an event management feature with built-in integration to native calendar apps
- Designed and developed an in-app chat feature, complete with customizable notifications
- Developed a file sharing feature with integrated support for native file browsing apps
- Finally, designed and implemented a contact event manager feature with integration to allow for calling using the user's phone number

MOOMATIC

Dec. 2020 to Mar. 2021

Moomatic's main goal is to eliminate inefficient cattle feed procedures with a non-disruptive precision feeding system

- Led a team of 2 software developers, and 2 business experts
- Designed and developed the machine learning infrastructure and algorithms used within Moomatic's hardware and software

Led a cross-functional team of two software developers and two business experts in the design and development of Moomatic's precision feeding system.

- Specifically, created the machine learning infrastructure and algorithms utilized in both the hardware and software components of the system.

ZERO

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.

- Specifically, designed and developed the application and back-end components required for a seamless user experience.

VOLUNTEERING

BORCHARD COMMUNITY CENTER · Volunteerer

July 2018 to Aug. 2018

Thousand Oaks California

Volunteer at Borchard for Daycare