

# TRISTAN HASLETT

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## EDUCATION

### McGill University

Beng, Electrical Engineering | CGPA 3.70/4

Fundamentals of Power Engineering, Electronics, Algorithms and Data Structures, Computer Organization

Montreal, QC

Aug. 2022 – present

### Heritage College

DEC in Sciences | R-score 31.227, 88% Average

Labratory Experience, Graduated with honors

Gatineau, QC

Aug. 2020 – May 2022

## EXPERIENCE

### Rivermead Golf Course

Line Cook

- Acted in accordance with food safety standards.
- Refined my communication and teamwork skills to maintain kitchen efficiency and avoid costly errors.
- Leaned how to work effectively in a high-pressure environment.

Summer 2023 & Summer 2024

Aylmer, QC

### Bistro Vitalia

Line Cook

- See Rivermead Golf Course.

June 2021 – November 2021

Aylmer, QC

## PROJECTS

### McHacks | Python, HTML and CSS, GIT

- Developed a simple web application using with Flask along side 3 teammates over a 24 hour period.
- Implemented a rudimentary search algorithm to search a database.
- Used cohere AI API to create fake data for a database.

Jan 2023

### BrickPi3 Delivery Robot | Python, RaspberryPI, GIT, Gantt charts, Project management

- Developed, designed and implemented a color-sensing algorithm using BrickPi 3 and LEGO components to enable accurate navigation for the delivery robot.
- Performed duties as Testing Lead, conducting comprehensive tests on various robot systems, including navigation, sensor integration, and motor controls while providing relevant documentation.
- Collaborated with a team of five students to integrate hardware and software components, troubleshoot issues, and refine the robot's performance.

Jan 2023 – May 2023

## CLUBS AND EXTRA CIRCULARS

### McGill Robotics team: Drone design Group

- Electrical sub-division.
- Design of Motor thrust and power test setup

Sept. 2024 – present

### McGill Intramural Volleyball

Sept. 2023 – present

### D'arcy McGee Band Member

- Tenor saxophone player

Sept. 2018 – March 2020

## TECHNICAL SKILLS

**spoken languages:** English (native), French (fluent)

**Programming Languages:** Java, Python, C/C++, MatLab, Arduino

**Developer Tools:** Git, Google Cloud Platform, VS Code, Visual Studio, IntelliJ, Jupyter Notebook