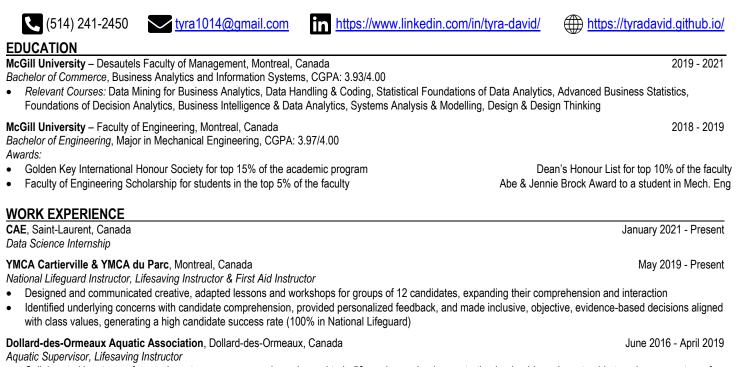
# Tyra David



- Collaborated in a team of supervisors to manage group dynamics and train 50 employees by demonstrating leadership and mentorship to enhance mastery of skills
- Made managerial decisions to ensure a positive customer service experience and resolve conflict, maximizing customer enjoyment while minimizing risk of injury

## Vanier College, Montreal, Canada

Probability and Statistics In-Class Teaching Assistant/English Second Language Peer Teacher: Coached and assisted 40 students in the completion of their assignments and final science graduation project by simplifying concepts, while working under the professor's guidance

# LEADERSHIP AND EXTRACURRICULAR

## McGill University, Montreal, Canada

- McGill Artificial Intelligence Society: Selected from 100 applicants to participate in Accelerated Introduction to Machine Learning, an intensive, 10-week bootcamp which teaches ML through lectures, assignments, and a final project presented at McGill AI Project Fair
- Desautels Management Leadership Seminar: Participant in a 24-hour strategy case competition with the goal of solving a sustainability business challenge and presenting findings in front of a panel of judges.
- McGill Symphonic Band Club: Plays clarinet in a high-level, extra-curricular orchestra and assists the team in the organization of fundraisers

## Concordia University, Montreal, Canada

John Molson Supply Chain and Business Tech Assoc.: Participant of Python and R workshops, Supply Chain and Project Management panels, Huawei's "Data, Operations, & Technology" Conference, providing me with hands-on skills and insight into the business technology industry

## Lifesaving Society, Montreal, Canada

- Volunteers to evaluate future Canadian National Lifeguards, certifying candidates to assume the role as a lifesaver to prevent water-related incidents
- Recruits several volunteers and holds workshops for the public to promote and educate on water safety as a part of National Drowning Prevention Week

## PROJECTS

## Urban Street Scenes Object Detection (CNN Object detection)

McGill Artificial Intelligence Society

This project used Single Shot Detector CNN model to create an object detection web application that takes as input an image of an outdoor urban street scene and outputs class names and bounded boxes around vehicles, roads, buildings and people. This model was made using Tensorflow2 API, Flask, and HTML.

## Yelp Review Value (Naïve Bayes and NLP)

McGill University

This model, based on NLP techniques and Naïve Bayes, takes as input a user review from Yelp and can calculate the probability of the review being valuable and thus recommend certain words that can be used to improve the value of the restaurant review.

## Phishing Websites (Statistical data exploration, PCA and Gradient Boosting Classifier)

McGill University

This classification model detects phishing websites from legitimate websites using the various features of a website's URL. This model, that can ultimately create public awareness on Internet safety, was created by conducting a statistical analysis of features, including PCA, and then training a Gradient Boosting classifier.

## SKILLS AND INTERESTS

Language Skills: Fluent English and French, written and oral Computer Skills: Python, R, MySQL, MS Power BI, Tableau, MS Project, Advanced Excel, MS Office, Figma Libraries: Pandas, Tensorflow, Keras, NumPv, Scikit-learn, Matplotlib, Seaborn, gaplot2 (R) Interests: Instrument playing: Clarinet, Piano, Kayaking, Hiking, Biking, Swimming, Baking, Painting

September 2019 - Present

December 2017 - Present

January 2018 - May 2018

September 2019 - Present