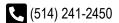
# Tyra David









# **EDUCATION**

McGill University - Desautels Faculty of Management, Montreal, Canada

2019 - 2021

Bachelor of Commerce, Business Analytics and Information Systems, CGPA: 3.97/4.00

Relevant Courses: Data Handling & Coding, Business Intelligence & Data Analytics, Advanced Business Statistics, Systems Analysis & Modelling, Data Mining for Business Analytics, Stat. Foundations of Data Analytics, Foundations of Decision Analytics, Design & Design Thinking

#### McGill University - Faculty of Engineering, Montreal, Canada

2018 - 2019

Bachelor of Engineering, Major in Mechanical Engineering, CGPA: 3.97/4.00 Awards:

Golden Key International Honour Society for top 15% of the academic program Faculty of Engineering Scholarship for students in the top 5% of the faculty

Dean's Honour List for top 10% of the faculty Abe & Jennie Brock Award to a student in Mech. Eng

Vanier College, Montreal, Canada

2016 - 2018

Diploma of College Studies, Major Pure and Applied Science Awards:

Dean's Honour Roll for maintaining an average of above 90%

#### **WORK EXPERIENCE**

#### YMCA Cartierville & YMCA du Parc, Montreal, Canada

May 2019 - Present

National Lifeguard Instructor, Lifesaving Instructor & First Aid Instructor

- Designed and communicated creative, adapted lessons and workshops, expanding candidate comprehension and interaction
- Identified underlying concerns with candidate comprehension, provided personalized feedback, and made inclusive, objective, evidence-based decisions aliqued with class values, generating a high success rate

# Dollard-des-Ormeaux Aquatic Association, Dollard-des-Ormeaux, Canada

June 2016 - April 2019

Aquatic Supervisor, Lifesaving Instructor

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

# LEADERSHIP AND EXTRACURRICULAR

McGill University, Montreal, Canada

September 2019 - Present

- McGill Artificial Intelligence Society: Selected to be a participant in accelerated machine learning bootcamp to learn Python skills and applied AI techniques
- Desautels Management Leadership Seminar: Participant in strategy case competition
- 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

September 2019 - Present

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

#### Lifesaving Society, Montreal, Canada

December 2017 - Present

- Volunteers to evaluate and certify first aid and lifequard candidates
- Promotes, educates, and hosts activities for the National Drowning Prevention Week

## Vanier College, Montreal, Canada

January 2018 - May 2018

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

# **PROJECTS**

# **Smart Shopping**

Microsoft's Discover Al Challenge: Smarter and Sustainable Economies

This project explores how retail can use AI and analytics to provide efficient, personalized retail experience, while optimizing and improving sustainability in the supply chain.

## Predictive Analytics: Impact of Potential New Legislation on Airbnb Availability in Montreal

McGill University

This project examined and graphed Airbnb data from large North American cities to predict how Airbnb activity in Montreal can be impacted by potential new gentrification legislation.

# Machine Learning: Predicting the Success of Kickstarter Projects

McGill University

This project creates a prediction model that evaluates which factors of a Kickstarter campaign influence their success rate the most to predict if a current Kickstarter project succeeds to be funded.

# **SKILLS AND INTERESTS**

Language Skills: Fluent English and French, written and oral

Computer Skills: Tableau, Power BI, Python (data science libraries), SQL, R, MS Project, Advanced Excel, MS Office, Access, Minitab, MATLAB, SolidWorks, C Interests: Instrument playing: Clarinet, Piano, Kayaking, Hiking, Biking, Swimming, Baking, Painting