Tyra David

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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   Dean's Honour List for top 10% of the faculty
- Faculty of Engineering Scholarship for students in the top 5% 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 aligned 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:* Participant of workshops and bootcamps to learn Python skills and applied AI techniques
- *Desautels Management Leadership Seminar:* Participant in 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 lifeguard 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 AI 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