

# BRANDON TOUSHAN

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## PROFILE SUMMARY

Driven, people-centric analytics practitioner, leader and project owner. Creative problem-solver and data integrator that excels at influencing change in fast-paced and highly competitive environments. Jointly passionate about investing in data and in people, and happiest when facilitating buy-in to both. Native speaker of the languages of business and technology and an expert at bridging the gap between the two in order to connect organizations better.

## SKILL SUMMARY

- Big-picture strategic thinker and organizational influencer
- Empathetic storyteller, relationship builder and salesperson
- Full stack developer skillset – JS, HTML/CSS, Python, R, MatLab, SQL
- Robust analytics and AI toolkit – NumPy, SciPy, Pandas, Scikit-learn, Tensorflow, Keras, TidyR
- Extensive visualization and design expertise – D3.js, chart.js, bokeh, matplotlib, ggplot2, R shiny

## EDUCATION

### **Master of Management Analytics (MMA)**, Smith School of Business, Queen's University, Kingston, ON **2020 – Present**

- GPA: **4.1/4.3** (In Progress)
- Coursework included topics on analytical decision making, big data analytics, predictive modeling, machine learning, artificial intelligence and strategy, finance and operations fundamentals

### **Bachelor of Science, Physics and Mathematics**, Queen's University, Kingston, ON **2015 – 2019**

- Recipient of the *Gordon Canning Award in Mathematics*, 2019
- Coursework included topics on advanced calculus, probability and statistics, stochastic processes, linear and differential algebra, mathematical and computational methods and both modern and classical physics

## PROFESSIONAL EXPERIENCE

### **Management Consultant**, Smith Business Consulting, Kingston, ON **2020 – Present**

- Currently advising several local businesses on strategy reimagination, business model adaption and operational resilience development

### **Software & Data Visualization Engineer**, Harvard Humanitarian Initiative, Cambridge, MA, US **2020 – Present**

- Identified an opportunity to expand upon the visualization and analytics capabilities of the KoBo Toolbox platform and increase the value provided to our most important users and stakeholders
- Pitched, developed and led a complete overhaul of KoBo's existing API including considerable improvements to the depth, breadth and quality of the UI/UX, the introduction of new export as .svg functionality and a complete upgrade from chart.js to d3.js based visualization
- Currently working with many of KoBo's biggest users including the UNHCR, the World Bank and the IFRC on needs determination, bespoke solution development and organizational-level implementation of the KoBo platform

### **Full Stack Web Developer**, Freelance, Kingston, ON **2019 – 2020**

- Helped clients grow their personal brands, improve their advertising metrics and drive sales and revenue growth across their respective organizations via the introduction of personalized web solutions
- Worked extensively identifying and reaching out to potential clients, determining personal needs, closing sales and developing individually tailored solutions, largely using HTML/CSS, JS & Bootstrap

### **Program Lead, Firefly Therapy Services**, KidsAbility Centre for Child Development, Waterloo, ON **2017 - 2018**

- Oversaw the successful rollout of KidsAbility's most successful outreach programming to date as lead of an interdisciplinary team during the introduction of a new series of therapy camp initiatives and programs
- Worked day-in day-out managing staff, developing and scheduling programming, monitoring KPIs and liaising between admin, front-line staff, clients and community stakeholders