

# BRANDON TOUSHAN

## Data Scientist/Master of Management Analytics (MMA) Candidate

@ brandontoushan@gmail.com    613-453-8198    310 Earl Street, K7L 2H8    Kingston, Ontario, Canada  
in www.linkedin.com/in/brandon-toushan    https://brandontoushan.github.io    https://github.com/BrandonToushan

## PROJECTS

### SuperCoop Queen's University

- Year-long intensive capstone research project investigating the super-conductor Cooper pair condensation phenomenon in Nb-Ta foil
- Recorded, analyzed and propagated error for thousands of data points using the NumPy package for Python 3.51 in Jupyter Notebooks
- Developed and optimized non-linear models using SciPy to fit experimental results to physical expectation and determine trends
- See <https://github.com/BrandonToushan/SuperCOOP> for source code, working data notebooks and the final paper in it's entirety

## EXPERIENCE

### Freelance Web Developer Various Clients

May 2019 – Ongoing    Kingston/Waterloo, ON

- Developed, optimized and maintained various websites for individuals, projects and organizations utilizing HTML, CSS, Java and various APIs to meet client needs and goals

### Firefly Program Group Lead KidsAbility Center for Child Development

May 2017 – Sept 2018    Waterloo, ON

- Managed a small team of professionals and volunteers at a well-respected NGO focused on the education and wellness of exceptional learners
- Main responsibilities included creating and managing the day to day programming for therapy camps, interacting with clients and acting as a liaison between admin and front-line staff


### Physics, Mathematics, & Statistics Tutor Queen's University

Sept 2016 – Sept 2019    Kingston, ON

- Taught undergraduate students on an intermittent basis in physics, mathematics, and statistics coursework as well as MCAT prep

## AWARDS

 **The Gordon Canning Award in Mathematics**  
Queen's University, 2019

 **Excellence Scholarship**  
Queen's University, 2015

## EDUCATION

### MMA, Management Analytics Smith School of Business

Jan 2020 – February 2021

### BSc (Hons), Physics & Mathematics Queen's University

Sept 2015 – May 2019

## PROGRAMMING

Python    ●●●●●

HTML    ●●●●●

CSS    ●●●●●

SQL    ●●●●●

MatLab    ●●●●●

## DATA ANALYTICS

Numpy/Scipy    ●●●●●

Pandas    ●●●●●

Scikit-learn    ●●●●●

TensorFlow    ●●●●●

Tableau    ●●●●●

Excel    ●●●●●

## LANGUAGES

English    ●●●●●

French    ●●●●●

Spanish    ●●●●●