BRANDON TOUSHAN

Data Scientist/Master of Management Analytics (MMA) Candidate

PROJECTS

SuperCoop

Queen's University

- Year-long intensive capstone research project investigating the superconductor 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

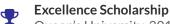
♥ Kingston, ON

• 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



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	••••