BRANDON TOUSHAN

Physics, Mathematics & Statistics Grad/Data Scientist

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📍 Ontario, Canada   in www.linkedin.com/in/brandon-toushan   ⌨ https://github.com/BrandonToushan

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

Firefly Program Group Leader
KidsAbility Center for Child Development

📅 May 2017 – Sept 2018   📍 Waterloo, ON

- Acted as a team leader for a staff of six working with children and youths aged three to twenty-four with exceptionalities, in a healthcare and wellness environment for a well-respected NGO

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

📅 Sept 2017 – Ongoing   📍 Kingston, ON

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

AWARDS

🏆 **The Gordon Canning Award in Mathematics**
Queen's University '19

🏆 **Excellence Scholarship**
Queen's University '15

🏆 **Most Outstanding Graduating Athlete**
Bluevale Collegiate Institute '15

EDUCATION

B.Ed. International Physics & Mathematics Education
Queen's University

📅 May 2019 - Present

B.ScH. Physics, Mathematics & Statistics
Queen's University

📅 Sept 2015 – May 2019

DATA SCIENCE

Skill	Level
NumPy	●●●●●
matplotlib	●●●●●
SciPy	●●●●○
pandas	●●●○○
scikit-learn	●●●○○

PROGRAMMING

Skill	Level
Python	●●●●●
LaTeX	●●●●●
SQL	●●●○○
Maple/Mathematica	●●●○○
MatLab	●●○○○