

# Jason Ngo

Emerging data scientist. Proficient in leveraging data to discover new insights. Passionate about writing engaging data-driven stories and creating impactful visualizations.

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## Projects

### Service Canada Data Science Hackathon

March 2023 – External Project

Parsed through a large dataset using R. Generated a model to determine applicant eligibility for a fictitious grant. Wrote scripts to seek fraudulent applicants. Created graphs and tables with findings. Presented our solution to a panel of judges. This solution won 2nd place.

### Better Talent and Rule Changes Have Resulted in More Goals in the NHL

March 2023 – Course Project (Worlds Become Data)

Pulled data from the NHL API and Hockey Reference. Analyzed NHL goal scoring during a 12-season span in R. Wrote scripts to clean the data. Visualized results through built-in libraries. This paper is featured in the instructor's textbook.

### New York Times Bestseller List Analysis

December 2023 – Course Project (Literature and Data)

Analyzed a pre-cleaned dataset of the NYT Bestseller List with Pandas. Determined the longevity of each rank 1 novel per 10 year time periods using timedelta. Created a dataframe with results. The Jupyter notebook can be found here.

## Work Experience

### BI Program Outreach and Comms. Assistant

Current – Faculty of Information, University of Toronto

Parsed applicant data and visualized findings. Performed competitive research and presented results, which led to development of a blog. Conducted email interviews and created content based on results. Presented at online events, answering questions from prospective students and representing the faculty.

## Skills

Data Cleaning  
Data Visualization  
Data Analysis  
Primary Research  
Research Analysis  
Data Modeling (training)  
Machine Learning (training)  
NLP (training)

## Tools

R  
Python  
Pandas  
SQL  
C++  
HTML  
CSS  
JavaScript  
GitHub  
Jupyter

## Education

### Bachelor of Information

2024 (expected)

University of Toronto

### BSc. Computer Science

2019

University of Calgary