

Rachael Jaffe

Toronto, ON

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Education

University of Toronto

Toronto, ON

BSc (HONS) IN GLOBAL HEALTH

2016-2020

- Minors in Statistics and Economics
- Varsity water polo, captain 2018-2020

Work Experience

Dalla Lana School of Public Health

Toronto, ON

RESEARCH ASSISTANT

Sept 2019 - present

- Currently completing research in spatial epidemiology examining greenness accessibility and distribution within Ontario.
- Performing data analysis with Python, R, ArcGIS, SPSS

St. Michael's Hospital

Toronto, ON

RESEARCH ASSISTANT

May 2020 - present

- Currently completing research in clinical epidemiology examining different cohorts of patients with spinal cord injuries.
- Performing data analysis with R, SAS.
- Using statistical analysis techniques such as linear mixed modeling.

iMerciv

Toronto, ON

BUSINESS ANALYST

Sept 2019 - Jan 2020

- Created an interview script to interview over 200 people to determine a minimum viable market for their developing navigational app.
- Developed marketing strategies for Instagram, Twitter, Facebook.

Department of Statistical Sciences

Toronto, ON

PEER MENTOR

Sept 2018 - present

- Mentored first year students who intend to study statistics to help them succeed in a new academic environment.
- Organized at least 1 social event per semester and connected students with resources to aid them in their transition to Toronto.
- Helped the new team of 20 mentors on their transition to an online platform.

Technical experience

PROGRAMMING LANGUAGES

R

- Data cleaning with Tidyverse
- ShinyApps / Dashboard

PYTHON

- Basic knowledge of API's to download information from a website

GIS

- ArcGIS and QGIS
- Knowledge of standalone scripts in R and python for geospatial statistics and modelling

Awards

FRANK PINDAR FEMALE ATHLETE OF THE YEAR

2019-2020

- Awarded to the top achieving female athlete at the University of Toronto

NCWP MOST VALUABLE GOALIE

2017, 2018, 2019

- Awarded to the top goalie in the Ontario University water polo league

SELECTED TO COMPETE WITH TEAM CANADA AT FISU IN NAPLES, ITALY

July 2019

- 4th overall

2ND OVERALL, U OF T DATAFEST

June 2020

- Website: <https://datafestuoft.github.io/> & Project: https://rjaffe123.shinyapps.io/shiny_map_attempt/