

# SHARLEEN WEATHERLEY

A Data Scientist (she/her) who is passionate about analyzing and visualizing data using SQL, R, and git. Loves learning new skills to more efficiently complete tasks and create solutions. Based in British Columbia.

## PROFESSIONAL EXPERIENCE

July 2017  
|  
February  
2021

### ● Data Scientist

College of Nurses of Ontario

 Toronto, ON

- Created reproducible reports, dashboards, and visualizations using SQL, R, and git.
- Used attention to detail to accurately query, clean, merge, filter, transform, model, and visualize data from the organization's CRM database and data warehouse.
- Validated the organization's data warehouse on a regular basis.
- Instructed new coworkers about R and the team's workflows and projects.
- Created local R packages to ensure consistent and efficient projects across the team.
- Ensured all projects had appropriate documentation so they could be run again easily in the future.
- Extracted data for ad-hoc internal and external data requests.
- Designed, built, and analyzed a relational database using Microsoft Access as part of the methodology for a major corporate research project.
- Created and analyzed surveys using SurveyGizmo.
- Maintained up-to-date programming knowledge by attending talks and conferences and reading articles and blogs.
- Communicated and collaborated with technical and non-technical stakeholders, internal and external to the organization.
- Respected the privacy of highly-sensitive personal information records by following the organization's privacy policies.

October  
2015  
|  
July 2017

### ● Statistics Associate

College of Nurses of Ontario

 Toronto, ON

- Assisted the Data Scientist in the role discussed above.
- Used the Microsoft Office suite, particularly Excel and Word, for creating reports and visualizations.
- Used SPSS to clean data and perform statistical tests.
- Completely updated the external data request process, so that it became paperless and the turnaround time decreased from 6-8 weeks to days.

## EDUCATION

2015






### ● McMaster University

M.Sc. in Statistics

 Hamilton, ON

- Awarded \$32,500 in scholarships.

## CONTACT INFO

-  Email
-  Website
-  GitHub
-  LinkedIn
-  Mastodon

## ★ REPRODUCIBLE REPORT EXAMPLE

To see a reproducible report I wrote using R Markdown, please click [here](#) and view either the 2018 or 2019 English reports.

## TECHNICAL SKILLS

Data extraction: **SQL, R (dbplyr)**

Data merging, cleaning, transforming, modelling: **R (tidyverse, janitor, tidymodels), SPSS**

Data visualizing: **R (ggplot2, kable, gt)**

Reproducible reporting: **R (R Markdown/Quarto, Shiny, flexdashboard), LaTeX**

Version control: **git (GitHub, Azure DevOps)**

Microsoft Office: **Excel, Access, Word, Outlook, PowerPoint**

2011



**McMaster University**

B.Eng.Bio. in Chemical Engineering and Bioengineering

📍 Hamilton, ON

- Thesis Title: Foam Granulation Using a Twin Screw Extruder
- Awarded \$40,400 in scholarships.



**OTHER JOBS WORKED**

2022



**Industrial Whitewater Rescue Technician**

📍 Hope, BC

2021

2022



**Whitewater Rafting Guide**

📍 Squamish, BC

2022



**Food Rescue Driver**

📍 Squamish, BC

2007

2013



**Teaching Assistant (Engineering, Programming, and Math)**

McMaster University

📍 Hamilton, ON

2009

2012



**Research Assistant (Chemical Engineering)**

McMaster University

📍 Hamilton, ON



**AWARDS**

2021



**College of Nurses of Ontario**

Received the highest internal awards for both technical competency and professionalism.

2020



**RStudio**

Received the RStudio Conference 2020 Diversity Scholarship, awarded in San Francisco.

2010



**McMaster University**

Awarded the Chemical Engineering Teaching Assistant Award, in recognition of teaching excellence.



**VOLUNTEER WORK**

November 2021

August 2022



**Squamish Helping Hands**

📍 Squamish, BC

Volunteered at the Squamish Food Bank 2-3 times a week. Duties included collecting and sorting food donations and running the Food Bank during open hours. Also created a report using R Markdown to visualize the results of a survey the staff had conducted with the Food Bank's users.

2018-2020



**Halton Eastern Bluebird Club**

📍 Oakville, ON

Volunteered as an Eastern Bluebird nest-box monitor during the summer months.