

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, 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: **R (tidyverse, janitor), 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



Whitewater Rafting Guide

📍 Squamish, BC

2022



Food Rescue Driver

📍 Squamish, BC

2007



Teaching Assistant (Engineering, Programming, and Math)

McMaster University

📍 Hamilton, ON

2013



Research Assistant (Chemical Engineering)

McMaster University

📍 Hamilton, ON

2009

2012



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



Squamish Helping Hands

📍 Squamish, BC

August
2022

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.