

SHARLEEN WEATHERLEY

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Professional Experience

Data Scientist

Analytics and Research team

College of Nurses of Ontario, Toronto

July 2017 – February 2021

- Extracted administrative data from databases using SQL for requests by internal and external stakeholders
- Created a relational database using Microsoft Access as part of the methodology for a major corporate research project
- Mined and visualized unexplored areas of the organization's administrative data
- Used attention to detail and the R programming language to accurately extract, clean, transform, and visualize data
- Created reproducible and scalable reports, dashboards, and presentations using R Markdown, LaTeX, Shiny, and Git
- Communicated and collaborated with technical and non-technical stakeholders internal and external to the organization
- Created local R packages to ensure consistent and efficient projects across the team
- Ensured projects had appropriate documentation so they could be run again easily in the future
- Maintained current programming knowledge by attending talks, reading articles and blogs
- Taught new coworkers about R and the team's processes, projects, and workflows
- Respected the privacy of highly-sensitive personal information records by following the organization's privacy policies

Statistics Associate

College of Nurses of Ontario, Toronto

October 2015 – July 2017

- Assisted the Data Scientist in the role discussed above

Other Jobs Worked

- Industrial Whitewater Rescue Technician, *Ambipar*, August 2022 – October 2022
- Whitewater Rafting Guide, *Squamish Rafting Company*, May 2021 – August 2022
- Food Rescue Driver, *Squamish Helping Hands*, March 2022 – August 2022
- Teaching Assistant (Engineering, Programming, and Math), *McMaster University*, 2007 – 2013
- Research Assistant (Chemical Engineering), *McMaster University*, 2009 – 2012

Technical Skills

Data extraction: SQL, dbplyr, DBI, odbc

Data merging, cleaning, transforming: tidyverse, janitor, SPSS

Data visualizing: ggplot2

Reproducible reporting: R Markdown, blogdown, shiny, flexdashboard, LaTeX

Version control: Git, GitHub, Azure DevOps

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

Education

Master of Science in Statistics

McMaster University, Hamilton

Graduated April 2015

- Awarded \$32,500 in scholarships

Bachelor of Chemical Engineering and Bioengineering

McMaster University, Hamilton

Graduated April 2011

- Awarded \$40,400 in scholarships

Awards

College of Nurses of Ontario (2021): Received the highest internal awards for both technical competency and professionalism

RStudio (2020): Received the RStudio Conference 2020 Diversity Scholarship, awarded in San Francisco

McMaster University (2010): Awarded the Chemical Engineering Teaching Assistant Award, in recognition of teaching excellence

Volunteer Work

Squamish Helping Hands (November 2021 – 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.