SHARLEEN WEATHERLEY

A Data Scientist (she/her) located in British Columbia, looking for a job that analyzes and visualizes data using R.

⌨ PROFESSIONAL EXPERIENCE

July 2017
|
February 2021

Data Scientist
College of Nurses of Ontario   📍 Toronto, ON

- Created reproducible data reports, dashboards, and visualizations using R and R Markdown, SQL, flexdashboard, and git.
- Used the R programming language and attention to detail to accurately extract, clean, transform, and visualize data, including explored and unexplored areas of the organization's administrative data.
- Extracted administrative data from databases using SQL for data requests by internal and external stakeholders.
- Designed, built, and analyzed a relational database using Microsoft Access as part of the methodology for a major corporate research project.
- 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.
- Maintained up-to-date programming knowledge by attending talks and conferences and reading articles and blogs.
- Instructed new coworkers about R and the team's processes, projects, and workflows.
- Created and analyzed surveys using SurveyGizmo, in collaboration with other teams.
- 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.

🎓 EDUCATION

2015

McMaster University
M.Sc. in Statistics   📍 Hamilton, ON

- Awarded $32,500 in scholarships.

⊙ CONTACT INFO

✉ sharleen@fastmail.com

◯ Github account

🌐 Data analysis blog

★ 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**

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

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

Reproducible reporting: **R Markdown, 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.