

Skills

R · SQL · Python · LaTeX ·


Bash · HTML · JavaScript ·


CSS · Machine learning · Data

science · Data visualization ·

Knowledge translation

personalwebsite.com 

githubHandle 

firstName lastName 

Education

PhD, Field

Start–End

University

- Thesis title: **Thesis title**
- Brief summary about thesis
- My thesis can be viewed [here](#)

MSc, Field

Start–End

University

- Thesis title: **Thesis title**
- Brief summary about thesis
- My thesis can be viewed [here](#)

Degree, Field

Start–End

University

Employment

Position

Start–End

Organization

Data Science Projects

cobaltResume*

May 2023

R Package

- Created an R package for generating résumés and cover letters within RStudio
- \LaTeX code was used to specify a styling template that draws inspiration from the cobalt theme in the RStudio IDE
- R functions were created to easily generate résumé entries and merge résumés and cover letters into one PDF file

sebastiansciarra.com*

Mar. 2023

Personal website

- Used HTML, JavaScript, and CSS to create a personal website for writing blog posts
- Blog posts focus on statistics, machine learning, and coding by explaining technical details, providing demonstrations, and conducting simulation experiments
- Blog posts use code from a variety of language to explain content. As an example, my post titled “[Coding and Visualizing the Expectation-Maximization Algorithm](#)” used R, Python, and CSS code

*indent clickable hyperlink to the corresponding repository on my GitHub

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email@domain.com 

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firstName lastName 

date

Citizenship: Citizenship status

guelphdown*

Mar. 2023

R Package

- Created an R package for generating theses according to the University of Guelph formatting requirements
- \LaTeX code was created to specify a template, which included different formattings for the preamble, body, references, and appendices
- An example of the formatting can be seen in my [thesis](#)

nonlinSimsAnalysis*

March 2022

R Package

- Created an R package that contained functions for automating the cleaning, analysis, and visualization of large data sets for my doctoral dissertation (e.g., 40 000+ rows)

nonlinSims*

Jan. 2022

R Package

- Created an R package for simulation experiments in my doctoral dissertation
- Package allows the performance of structured latent growth curve models to be evaluated under several different conditions

Learning SQL*

Mar. 2021

Skill learning

- Went through 16 of 18 chapters from Alan Beaulieu's [Learning SQL](#)
- Topics include filtering, querying multiple tables, sets, grouping and aggregates, sub-queries, joins, transactions etc.

Certifications

DataCamp courses

June 2018–Aug. 2020

Skill learning

- Completed 35 courses ranging from data visualization and writing functions to machine learning topics such as tree-based models and support vector machines. For a full list of the courses, see the relevant section on my LinkedIn [here](#)

*clickable hyperlink to the corresponding repository on my GitHub