

JESSE ONLAND

DATA SCIENCE AND BUSINESS INTELLIGENCE

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jdonland.github.io

EXPERIENCE

Samos Insure — *Data Scientist*

FEB 2021 - JUL 2023

- Was responsible for all quantitative insights, communicating results in reports, presentations, and data visualizations.
- Applied machine learning and classical statistics to millions of rows of healthcare data develop the pricing model underlying an innovative new insurance product.
- Built domain knowledge in surgical mortality risk and identified actionable insights in peer-reviewed medical literature.
- Mentored co-op students, helping to develop their data analysis skills and integrating their contributions.

Allianz Global Assistance — *Data Analyst*

MAR 2018 - JAN 2021

- Developed, maintained, and automated internal and client-facing reporting while documenting and refactoring legacy code.
- Collaborated in a business-wide transition to a modern analytics software stack and data-driven culture; helped design and test a new data warehouse and ETL pipeline.
- Investigated drivers of departmental KPI and advocated for a change in strategy based on unexpected results.

Green Brick Labs — *Junior Numerical Analyst*

JUN 2015 - MAR 2017

- Modeled sports odds and verified statistical properties of casino games.
- Supported risk management reporting.
- Developed and automated visualization of user transactions to help uncover fraud and collusion.

EDUCATION

University of Waterloo — *BMath Combinatorics & Optimization*

SEP 2008 - AUG 2013

PROJECTS + OTHER INTERESTS

- See jdonland.github.io

SKILLS + TECHNOLOGIES

Languages:

R

Python

SQL

Tools & Frameworks:

Power BI

Tableau

Excel

Quarto/Jupyter

Shiny

tidyverse

tidymodels

scikit-learn

pandas/polars

SSRS

dbt

Collaboration:

Jira

git

Microsoft Teams

Notion