DINA LIEBMANN

DATA SCIENTIST

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Education

University of Waterloo	2015 - 2020

BMath in Statistics and Computer Science
Dean's Honours List

Skills

Communication
Analytics
Problem Solving
Organization

Technical Toolkit

Python
  Pandas
  Numpy
  Jupyter
SQL
R
SAS
Markdown
AWS
  Athena
  SageMaker
  QuickSight
Gitlab
JIRA
Microsoft Excel
Microsoft Suite
Adobe Analytics
Tableau

Interests

Muay Thai
Needle Felting
Foosball
Photography

Employment

XE.com — Newmarket, ON
Data Scientist — Jan. 2019 - Apr. 2019, Sept. 2019 - Dec. 2019

- Overhauled entire pricing system based on quantitative and qualitative analysis of the existing structure and through segmentation, competitive, and sensitivity analyses in SageMaker, QuickSight, and Athena
- Performed critical data analysis to normalize web traffic post-GDPR and forecast varying traffic cases for the following year using Adobe Analytics and Excel
- Liaised with cross-functional teams to solve high-impact business problems and communicate findings clearly in an audience appropriate manner

TD Bank Group — Toronto, ON
Retail Risk Model Developer — May 2018 - Aug. 2018

- Ran single-factor and multi-factor analyses for multiple linear and logistic models
- Validated linear and logistic models in SAS and prepared visual representations of the data in Excel
- Increased overall team efficiency by replacing the manual effort of copying and pasting all SAS output into Excel with an automated solution using a SAS macro

Capital One — Toronto, ON
Data Analyst — Sept. 2017 - Dec. 2017

- Single-handedly created a recommendation engine in Python to classify error logs using natural language processing and machine learning
- Deployed an API running on Amazon Web Services (AWS)
- Thrived working independently in a small team setting using Gitlab, JIRA, and an agile workflow

Statistics Canada — Ottawa, ON
Analyst — Jan. 2017 - Apr. 2017

- Collected and compiled data from multiple sources
- Analyzed data using Excel and SAS
- Clearly documented and presented findings in written and oral format

Volunteering

University of Waterloo — Waterloo, ON
Executive Math Faculty Ambassador

- Mentored new and returning ambassadors
- Restructured training sessions to offer more leadership opportunities for ambassadors and more flexibility in scheduling

Awards

University of Waterloo — June 2020
Dean's Honours List

An honours distinction given upon graduation to students who attain a cumulative average of 87% or higher