

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
PySpark
Jupyter
SQL
R
Markdown
AWS
Athena
SageMaker
QuickSight
Gitlab
JIRA
Coda
Microsoft Excel
Microsoft Suite
Tableau

Interests

Muay Thai
Needle Felting
Foosball
Photography

Employment

Euronet Worldwide

Data Scientist

Remote / Newmarket, ON

July 2020 - Present

- Transformed dashboarding from transactional to the customer level, enabling the business to make customer-focused decisions
- Trained teams across the globe how to use QuickSight dashboards, taking dashboard projects from inception to business acceptance
- Engineered a data-driven approach to launching new loyalty programs through dynamic tools to calculate the success of different loyalty models
- Worked directly with the CRO and CMO to convert their business problems into actionable visualizations

XE.com

Data Scientist Co-op

Newmarket, ON

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

Retail Risk Model Developer Co-op

Toronto, ON

May 2018 - Aug. 2018

- 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

Data Analyst Co-op

Toronto, ON

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

Analyst Co-op

Ottawa, ON

Jan. 2017 - Apr. 2017

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

Volunteering

University of Waterloo

Executive Math Faculty Ambassador

Waterloo, ON

Sept. 2016 - Apr. 2020

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

Awards

University of Waterloo

Dean's Honours List

June 2020

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