

ANDRÉ SURPRENANT

Portfolio

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☎ (438) 886-3327

in



SKILLS

STATA , R, SQL, MATLAB, Java, Linux
PYTHON (tensorFlow, scikit-learn, Pandas)
Machine learning, Statistics,
Economic Modelling

EDUCATION

BA. Economics (Hounours)
minor in Mathematics

McGill University

📅 June 2019

📍 Montréal

Relevant Coursework

- Machine Learning
- Econometrics
- Matrix Numerical Analysis
- Computer Science

EXPERIENCE

Credit Operations Specialist

Rogers Communications

📅 June 2020 – present 📍 Montréal (Remote)

- Bilingual (French and English)
- Reduce involuntary CHURN by negotiating settlements and retention offers.
- Analyse customer account information and risk profiles in order to determine suitable terms for payment arrangements

Accounts Receivable Advisor

SinglePoint International

📅 Jul 2019 – June 2020 📍 Montréal

- Bilingual (French and English) B2B correspondence
- Maintain records by microfilming invoices, debits, and credits.
- Provide timely and transparent invoicing and ensure customer satisfaction.

PROJECTS

Time Series Forecasting with CNN

- The goal of this project was to determine the viability of Convolutional Neural Networks for Multivariate time series forecasting.
- We compared the predictions of our model against a simple Feedforward Neural Network to see if there was any benefit to using CNN as theorized.
- Supervised learning on both simulated and real world data.

Chilean Income Inequality

- Tracked the dynamics of Chilean income inequality from 1990 to 2015
- Compiled data from the Luxembourg Income Study (LIS) and formatted it according to conventions from recent monograph literature.

Telecom Churn Prediction

- Predicting Churn from telecom data with 80% accuracy.
- The Project analyzes the data set to determine the most important features and compares the predictions of a Logistic Regression against a Support Vector Machine.

LANGUAGES

- English
- French