

Georges Bournigal

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SKILLS

PROGRAMMING

Multiple projects

•Python •R •SQL

Familiarity

•Javascript •HTML •CSS

TOOLS

•Pandas •Numpy •Scikit-learn •Tensor-
Flow Extended •CLI •Git •Streamlit
•Dash •Tidiverse •Networkx •XGBoost
•LightGBM

FURTHER EDUCATION

PYTHON CORE

Jetbrains Academy

November 2022

MACHINE LEARNING ENGINEERING FOR PRODUCTION (MLOps)

SPECIALIZATION

Coursera, DeepLearning.AI

July 2022

APPLIED DATA SCIENCE WITH PYTHON SPECIALIZATION

Coursera, University of Michigan

October 2021

LINKS

Personal website:// gbournigal.github.io

LinkedIn:// [georges-bournigal](#)

Github:// [gbournigal](#)

RESEARCH

- Predicción del Default en Carteras de Crédito: Un Enfoque de Machine Learning (ML) (2022): [bancentral](#)
- Riesgo de crédito en la República Dominicana: Estudio de matrices de transición (2021): sb.gob.do/publicaciones/publicaciones-tecnicas/
- Analyzing tweets of US Senators: Ideology and Communication during Political Competition (2020). Available upon request.

EXPERIENCE

SENIOR RESEARCH SPECIALIST BANKING SUPERINTENDENCY

Dec. 2020 – Present

- Conduct academic studies and working papers to increase knowledge production on the financial system.
- Model credit rating transition probabilities using different machine learning methodologies.
- Simulate impact on provision requirements based on transition probabilities.
- Incorporate and maintain new data sources for the Department's databases.
- Web scraping to consume web sources automatically.
- Generate automatic reports on different areas of the economy.

SENIOR ECONOMIST COMMERCIAL BANKS ASSOCIATION

Sep. 2020 – Dec. 2020

- Coordinate the automation process of current situation reports and creation of a daily indicators platform.
- Automate data query and consumption.
- Improve and consolidate surveys for internal consumption by the Associated Banks.
- Write articles of interest and plan future research and projects.

TEACHER'S ASSISTANT PUC (CHILE) AND UBC

Jan. 2018 – Jul 2018 y Aug. 2019 – Jul. 2020

- Assistant to Jeanne Lafortune in Microeconomics 1 at PUC (Chile). (2018)
- Assistant to Clive Chapple and Robert Gateman in ECON 101 (Introduction to Microeconomics) and ECON 102 (Introduction to Macroeconomics) at UBC. (2019-2020)

ANALYST ANALYTICA EMPRESARIAL

Sep. 2018 – Jul. 2019

- Data analysis for businesses. Generate and maintain models to predict the behavior of economic variables in the Dominican Republic.
- Consult databases and generate monthly reports.
- Present data and dashboards for both managerial and public consumption.

EDUCATION

M.A ECONOMICS UNIVERSITY OF BRITISH COLUMBIA

Aug. 2019 – Aug. 2020 | Vancouver, Canadá | 4.3/4.33

LICENCIATURA ECONOMÍA BACHELOR'S DEGREE IN ECONOMICS

Aug. 2015 – Aug. 2019 | Santo Domingo, RD | Magna Cum Laude

ACADEMIC EXCHANGE, ECONOMICS PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

Aug. 2017 – Aug. 2018 | Santiago, Chile