JUAN S. QUIÑÓNEZ WU

M.Sc. Applied Economics

Experienced professional in economic research and statistical analysis. Highly developed methodological, analytic, creative, and advanced skills in machine learning, with vast experience in risk management, development and implementation of credit strategies in the banking sector. Self-motivated executive with experience in project management and data mining.

PROFESSIONAL EXPERIENCE

May 2019 | Current

Technical assistant

Central Bank of the Dominican Republic

Monetary Programming and Economic Studies Department

- Collaborate on forecasting short-term macroeconomic outlook presented to local monetary policy makers.
- Devise and conduct empirical economic researches and analysis to be later presented on different forums (such as CIRET and CMCA).
- Present and analyze economic sectors with special focus on tourism.
- Automate data collection processes, using several web scrapping techniques.
- Organize and promote economic research seminars, in which local and international panelists are invited.

Feb. 2018 | May 2019

Credit risk manager

Banco Múltiple Promerica

Credit Risk Department

- Help Credit Collections Department analyzing and identifying customer behavior related to delinquency and fraud.
- Manage clients' databases and elaborate credit risk profiles in order to make tailored offers for each client.
- Present delinquency ratios for each product to the Board of Directors.
- Build and maintain databases and dashboards to centralize information of credit performance.
- Propose credit origination rules that prevented entry of delinquent clients based on statistical analysis of the current credit portfolio.
- Complete validation of origination and behavior score models.
- Develop country-risk index using macroeconomic variables.

Nov. 2016 | Feb. 2018

Economics studies manager

Banco Múltiple BHD León

Credit Risk Department

- Carry out diagnosis, monitoring and forecast of economic trends as well as broader view of international economics indicators.
- Contribute on presentations on the latest economic developments (local and international) and deliver said presentations to the Pricing Committee and corporate clients.
- Maintain and improve macroeconomic database, which included local and international information.
- Develop macroeconomic-risk index using macroeconomic variables.
- Develop industry-risk index using tax collection data and other macroeconomic variables.

CONTACT INFO

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SKILLS

Experienced in statistical analysis, statistical learning models, and optimization methods.

Highly skilled in R, and MS Office.

*This resume was made with the R package **pagedown**.*

Last updated on 2022-07-14.

Dec. 2015 | Nov. 2016

Modelling manager
Banco Múltiple BHD León
Credit Risk Department

- Successful implementation of OM-DM, a powerful platform developed by FICO, used for creating, maintaining, and testing origination decision strategies. This platform was used for credit card and consumer loans origination.
- Help improve credit card origination workflow, reducing origination time by 60%.
- Create module of counter-offers, which provided credit card offers based on client profiles and payment history.
- Complete validation of origination and behavior score models.

Apr. 2013 | Aug. 2014

Credit portfolio senior analyst
Banco Múltiple León
Credit Risk Department

- Monitor origination strategies using FICO's former OM-DM platform (CDA).
- Create credit card and personal loans origination reports.
- Collaborate with the development of small business credit score model.
- Prepare economic outlook briefings for the Credit Risk Committee.

TEACHING EXPERIENCE

2021 — **Introduction to Machine Learning for Central Banks.**
Consejo Monetario Centroamericano

2017 | 2022 — **Linear Programming, Statistics & Econometrics**
Pontificia Universidad Católica Madre y Maestra (PUCMM)

SELECTED PUBLICATIONS AND POSTERS

2022 — **Dynamics of oil price volatility and pass-through effect on the economy of the Dominican Republic**
Juan S. Quiñónez y Nerys F. Ramírez

2021 — **Variation of inflation trend and changes in prediction strategies during COVID-19 pandemic**
Juan S. Quiñónez, Nerys F. Ramírez y Valeria González

2021 — **Conditional volatility and spill-over risk contagion of the EMBI during COVID-19 pandemic**
Juan S. Quiñónez, Nerys F. Ramírez y Valeria González

2021 — **Short-term inflation forecast using article price predictions**
Juan S. Quiñónez y Nerys F. Ramírez

2020 — **Inflation density forecast in the Dominican Republic**
Juan S. Quiñónez y Nerys F. Ramírez

2020 — **Economic uncertainty, monetary policy, and entropy of expectations in the Dominican Republican: an approach based on text mining algorithms and neural networks**
Lisette Santana, Johan Rosa, **Juan S. Quiñónez**

EDUCATION

2015 — **Utah State University**
M.Sc. Applied Economics — Utah, USA

2013 — **Instituto Tecnológico de Santo Domingo (INTEC)**
Statistics for Business — Santo Domingo, DOM

2012 — **Pontificia Universidad Católica Madre y Maestra (PUCMM)**
B.A. Economics — Santo Domingo, DOM