Luis Da Silva

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EDUCATION

MSC IN DATA SCIENCE
University of Manchester
September 2019 | Manchester, UK.
First. 85/100 (Top 5%)

BSC IN ECONOMICS
Universidad Católica Andrés Bello (UCAB)
November 2017 | Caracas, VE.
GPA: 16.63 / 20.0 (Top 5%)

GCSE EQUIVALENT
Santa Mariana de Jesus
Grad. Jul 2013 | SA, VE.
GPA: 18.5 / 20.0 (Top 5%)

LINKS

LinkedIn:// **luis-da-silva**
Github:// **luisds95**
Medium:// **luisds95**
Twitter:// **@lddsdp**
StackOverflow:// **Luis Da Silva**

SKILLS

Advanced:
Python • Stata • R • Machine Learning • Econometrics • Microeconomics • Macroeconomics • Time Series Forecasting • SQL • Web Scraping
Intermediated:
Java • Android • MongoDB • VBA • LaTeX • Deep Learning • Reinforcement Learning • Natural Language Processing • Recommender Systems • Genetic Algorithms • Computer Vision • AWS
Familiar:
Spark • Cassandra • C • PHP • HTML

COURSEWORK

GRADUATE
Statistics and Machine Learning (2) • Understanding Databases • Social Network Analysis • Applying Data Science • Digital Business • Decision Behaviour and Analysis

UNDERGRADUATE
Econometrics (2) • Statistics (3) • Mathematics (5) • Microeconomics (4) • Macroeconomics (5) • Finance (2) • International economics

EXPERIENCE

QUANTITATIVE ANALYST | Thought Provoking Consulting
Aug 2019 - Today | London, UK.

Design, development and deployment of machine learning models for pricing intelligence, demand and consumer elasticity estimation, process optimisation and business intelligence. I conducted the design and deployment of an intelligent web scraping and data analysis framework for business reporting, which is becoming one of the main TPC's products.

PROFESSOR | Univesidad Central de Venezuela
Mar 2018 - Jul 2018 | Caracas, VE.

I taught "Engineering Economics", which is focused on teaching the fundamentals of economic theory needed to build, evaluate and forecast the development of an investment project.

CEO AND FOUNDER | Bigvene
Oct 2017 - Oct 2018 | Caracas, VE.

I founded an academic research assistance and retail consultancy company in Venezuela which grew up to having 12 members and managing up to three projects at a time. We performed data preparation, market research and modelling. Our top projects were the developing of software for price monitoring and social media listening. I was responsible for CRM, project management and software development.

RESEARCH INTERN | Central Bank of Venezuela
Mar 2017 – Sep 2017 | Caracas, VE.
I worked with two more people on the development paper: "Structural changes in Social Accounting Matrix of Venezuela between 1997 and 2007". This paper describes how the economy of Venezuela changed between 1997 and 2007 by using the Social Accounting Matrix. Most of the work was developed in VBA.

RESEARCH ASSISTANT | Center for International Development at Harvard University
June 2016 – Sep 2018 | Caracas, VE.

I worked with a team of 4 people and performed data gathering, cleaning and modelling with data related to political voting turnout to try to understand the influence of advertising in voting. Most of the work was developed in Stata and AWS.

TEACHER ASSISTANT | Universidad Católica Andrés Bello
Mar 2015 - Mar 2018 | Caracas, VE.

I helped with the teaching of 8 courses: Macroeconomics I, III and Advanced; Econometrics, Statistics I and III and Mathematics I and III.

LANGUAGES & AWARDS

• Spanish (fluent) • English (fluent) • Portuguese (Basic)
• Academic Excellence - 2016 & 2017 • Community Financial Advisor - 2016 • Community math volunteer - 2014 & 2015