DANIEL HERNÁNDEZ

Data analyst

PROFILE

I love data analysis and mathematical thinking; I want to contribute to an organization and growth with it. I have good analytical skills and experience with large datasets, I'm able to carry excellent qualitative and quantitative research.

CONTACT

Mobile
(+57) 3107534260

EMAIL:
Dannher97@hotmail.com

LANGUAGES

English – Highly proficient

Spanish – Highly proficient

CERTIFICATIONS

Game theory, 2017

Global Asset Management, 2017

HOBBIES

Travel

Read books / history (I'm a big fan)

Video games / Jogging

EDUCATION

M.Sc. in Economics – Xavierian University
June 2021 – Present
I've received knowledge and large comprehension of economic theory and research areas as neuroeconomics and Bayesian decision theory.

B.Sc. in Economics, B.Sc. in Engineering – University of la Sabana
January 2016 – November 2020
Bachelor thesis: Inflation expectations in Colombia 2003-2019: an approach through the Kalman Filter

WORK EXPERIENCE

Conjoint.ly Quantitative market research
April 2021–Present
I create conjoint experiments and analyze and transform complex data in actionable results and insights to create easy-to-read reports. Also, I develop several applications and codes (most in R) to analyze data faster and provide accurate results.

Fedesarrollo Research assistant
September 2020–August 2021
I developed mathematical models to understand and measure the impact of taxation in gig economy, providing analysis by different perspectives. Also, I was responsible for create codes to organize and manage databases to provide insights about Colombian gig economy

Central Bank of Colombia Intern
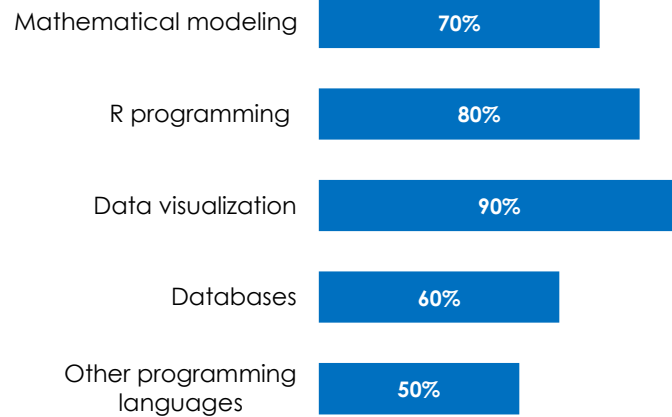January 2020–June 2020
I was the main responsible of a weekly report to the board of directors about the evolution and key aspects of the local and international market. I worked with large databases and migrated processes to make them more efficient, reducing the time of analysis from 1 day to 3 hours

University of La Sabana
January 2018–December 2020
As class assistant I proved topics and material to prepare classes and solve questions about different financial topics. Also, I teach R studio and link this language with applied financial problems

SKILLS

Skill	
Mathematical modeling	70%
R programming	80%
Data visualization	90%
Databases	60%
Other programming languages	50%

ACADEMIC PUBLISHING AND RELEVANT WORK

Digital platforms and contributions to social security. The case of Colombia before and after the pandemic:
https://www.repository.fedesarrollo.org.co/handle/11445/4212

REFERENCES

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