# Jorge M. Orozco T.

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I am passionate about automation, learning, data analysis, academic research, and contributing to a better and informed reality.

#### **Education**

#### **Universidad Alberto Hurtado**

Santiago - Chile

MASTER'S DEGREE IN ECONOMICS

2023 ->

ILADES Scholarship

Universidad del Norte UNDERGRADUATE IN ECONOMICS Barranquilla - Colombia

2019 -> 2023

• Excelencia Scholarship

Universidad Sergio Arboleda - Ministerio de TICS

Online

DIPLOMA MISIÓN TICS 2021 -> 2022

## **Professional experience**

#### **Data Analyst/Research Assistant**

Barranguilla - Colombia

UNIVERSIDAD DEL NORTE - OCSA

December 2022 -> July 2023

- Processing, cleaning and structuring of the GEIH-DANE databases.
- Specialized writing and research in economic literature
- Elaboration of thematic PowerBI dashboards for the OCSA blog.
- Tools used: STATA, R, Power BI, Overleaf, Python

#### **Python Instructor**

Barranguilla - Colombia

Universidad del Norte - Department of Economics

- Creation of the course curriculum and curricular content.
- Exposure of master sessions of data analysis classes
- Managing and updating the course repository on GitHub
- Tools used: Python, Reveal.js

March 2023 -> May 2023

## **Teaching**

## Academic tutor

Universidad Alberto Hurtado - FEN

UNIVERSIDAD ALBERTO HURTADO - FEN

Santiago - Chile

• Lecture sessions of Microeconomics I - Master's degree

August 2024 -> December 2024

• Lecture sessions of Statistics and Probability in R - Undergraduate

• Lecture sessions on Statistics Mod. of time series in R - Undergraduate

#### Academic tutor

Santiago - Chile

August 2024 -> September 2024

• Lectures on Inferential Statistics in R - Undergraduate

#### Academic tutor

Barranquilla - Colombia

Universidad del Norte

February 2023 -> May 2023

• Lecture sessions on Econometrics II - Undergraduate

### **Achievements and awards**

Silver Medal Universidad del Norte

ACADEMIC AWARD FOR BEST UNDERGRADUATE STUDENT 2023

Scientific merit award

Universidad del Norte

ACADEMIC AWARD FOR HIGH IMPACT THESIS PROJECT IN UNDERGRADUATE STUDIES 2023

Universidad del Norte

Universidad del Norte

ACADEMIC AWARD FOR THE HIGHEST SCORE IN UNDERGRADUATE THESIS PROJECT 2023

**Excelencia Scholarship**Gobierno Nacional de Colombia

TOP ICFES scores at the national level in secondary education - Colombia 2019

Excelencia academic Unidad Pedagógica Bolivariana

HIGH SCHOOL GPA AT THE COLLEGE LEVEL

## Projects \_\_\_\_\_

Chico\_Python06 Online

PERSONAL PROJECT OF EDUCATIONAL CONTENT FOCUSED ON DATA ANALYSIS.

• Publication of educational content on social networks such as Instagram, TikTok, Youtube.

Académic Record Online

Personal project of academic trajectory

Present

· Compilation, publication, and summary of my academic trajectory from Undergraduate - Postgraduate in Web page

### Publications & Conferences \_\_\_\_\_

# Contribución de la informalidad a la reducción de la pobreza: un ejercicio de descomposición para las ciudades colombianas

Orozco, J., Vargas, A., Perilla, J., Gómez, C.

· Research project focused on analyzing the relationship between poverty and informality in Colombian cities.

#### El espejismo del crecimiento económico en el Área metropolitana de Barranquilla

OROZCO, J. & GRANGER, A.

• Talk focused on my undergraduate thesis analyzing the Path of growth and poverty in the city of Barranquilla.

#### De arenas movedizas a tierra firme

Orozco, J. & Granger, A.

• Opinion column in collaboration with my thesis advisor discussing the results of the undergraduate thesis.

Contexto Media

Present

economía

**AFADECO** 

2023

2023

Documentos Departamento de

VI Network de Macroeconomía

#### **Programming languages**

PYTHON, R, STATA, JAVA, SQL, JAVASCRIPT, MATLAB, JULIA

**Skills and Competences** 

#### **Specialized office languages**

CSS, HTML, LATEX, MARKDOWN, RMARKDOWN, OVERLEAF, REVEAL.JS, BOOKDOWN

#### **Versioning control**

GIT, GITHUB, DOCKER

#### **Text Editors**

VISUAL STUDIO CODE, RSTUDIO

#### **Microsoft Office**

EXCEL, OUTLOOK, ONENOTE, POWERPOINT, WORD, ACCESS

#### **DashBoards**

Power BI, Shiny, Dash

#### Languages

Español, Inglés

#### **Personal**

SELF-STUDY, CRITICAL AND ANALYTICAL THINKING, PROBLEM SOLVING

## **Personal references**

#### Carlos Andrés Yanes Guerra

Есономізт

• Coordinator of the Master's program in Economics

### **Angela Granger Serrano**

ECONOMIST

Consultant

Universidad del Norte

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ONU - Inclusión SAS

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