

# Matías Agelvis



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matiasagelvis.github.io



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Mérida • Venezuela

## Profile

Bachelor in Physics with great interest in Computer Science, Machine Learning and Design.

## Education

Universidad de los Andes (Merida, Venezuela) – BSc, Physics, 2018

Thesis: Suppression of Escape in Dynamical Networks

Tutor: Mario G. Cosenza M, Ph.D

W GPA (01-20 scale): 16.2

Graduated with **Cum Laude** Honors

## Skills

### Programming

Python

C++

MiniZinc

Linux

Gnuplot

Git

Netlogo

LaTeX

### Physics

Chaos Theory

Complex Systems

Electronics

Linear Algebra

## Experience

*Research Assistant* at the Nonlinear Dynamics Group of the Universidad de los Andes (VE)

- 05/2017 – 07/2018
- Merida, Venezuela

## Voluntary Experience

*Tour Guide* at the Museum of Science and Technology

- 03/2018 – 09/2018
- Merida, Venezuela

*Volunteer Translator* at Complexity Explorer of the Santa Fe Institute

- Captioned over 150 minutes of content in English and Spanish
- Remote

## Certificates

<u>DeepLearning.AI TensorFlow Developer Professional Certificate</u>	<u>Open Source Software Development, Linux and Git Specialization</u>	<u>Modern Big Data Analysis with SQL Specialization</u>	<u>Investment Management with Python and Machine Learning Specialization</u>
<u>Discrete Optimization</u>	<u>Solving Algorithms for Discrete Optimization</u>	<u>Advanced Modeling for Discrete Optimization</u>	<u>Algorithms Specialization</u>
<u>TensorFlow 2 for Deep Learning Specialization</u>	<u>AWS Computer Vision: Getting Started with GluonCV</u>	<u>Programming Languages</u>	<u>Financial Markets</u>
<u>Build a Modern Computer from First Principles: Nand to Tetris</u>	<u>Nonlinear Dynamics: Mathematical and Computational Approaches</u>	<u>Introduction to Agent- Based Modeling</u>	<u>Python and Statistics for Financial Analysis</u>

Full list at [matiasagelvis.github.io/cv](https://matiasagelvis.github.io/cv)

## Extra Skills

Human Languages:

- Spanish (Native Speaker).
- English (Score 100/120 in TOEFL).

10+ Years of experience in Tai-Chi Chuan.