

# Matías Agelvis



Matias Agelvis



Matias Agelvis



matiasagelvis.github.io



Matias Agelvis

Mérida • Venezuela

## Profile

Bachelor in Physics with great interest in Computer Science

## Education

Universidad de los Andes – BSc, Physics, 2018

Thesis: Suppression of Escape in Dynamical Networks

GPA ( 01-20 scale): 16.2

Graduated with **Cum Laude** Honors

## Skills

### Programming

C++

Python

MiniZinc

Linux

Gnuplot

LaTeX

Netlogo

Git

### Physics

Chaos Theory

Complex Systems

Electronics

Linear Algebra

## Voluntary Experience

*Tour Guide* at the Museum of Science and Technology

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

## Certificates

<u>Version Control with Git</u>	<u>Open Source Software Development, Linux and Git Specialization</u>	<u>Algorithms Specialization</u>	<u>Accelerated Computer Science Fundamentals Specialization</u>
<u>Discrete Optimization</u>	<u>Solving Algorithms for Discrete Optimization</u>	<u>Advanced Modeling for Discrete Optimization</u>	<u>SQL Fundamentals course</u>
<u>Machine Learning</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.