



LUÍS G. P. CATTELAN

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Rua Munique 105, Florianópolis-SC, Brasil.

EDUCATION

Laurea Magistrale in Atmospheric Science

Sapienza University of Rome

Sept 2021 – Feb 2022

Rome, Italy

Bachelor in Physics

Federal University of Santa Catarina

Mar 2020 – Mar 2023

Florianópolis, Brazil

Bachelor in Astrophysics

Federal University of Rio Grande do Sul

Mar 2018 – Jan 2020

Porto Alegre, Brazil

WORK EXPERIENCE

Sci-Five

Popularization and monitoring of science in social media

Aug. 2019 – Jan 2020

Porto Alegre, Brazil

Observatório Educativo Itinerante

Astronomy outreach project

June 2018 – Aug 2019

Porto Alegre, Brazil

PROJECTS AND RESEARCH

Resilience of tropical ecosystems

Research in Earth System Science

Jan 2021 – Current

History of Astronomical Observatories in Porto Alegre

Research in History of Science

2019

Meninas na Ciência

Gender inequality in science

- Volunteer

2019

Akotirene Ciência

Race inequality in science

- Volunteer

2019

CONFERENCES AND PRESENTATIONS

History of Astronomical Observatories in Porto Alegre

National meeting on History of Physics

Sept 2020

São Paulo, Brazil

Observatório Educativo Itinerante: 20 years of astronomical outreach

National meeting of Brazilian Astronomical Society

Sept 2020

São Paulo, Brazil

HONORS AND SCHOLARSHIPS

Erasmus+ ICM Scholarship

Semester abroad in Sapienza University of Rome

Mar 2021

Rome

Datathon-Poatek

XCOVID: A transfer learning based COVID-19 lung x-ray classifier made into a WebApp

Mar 2021

Poatek

Research Scholarship

Aug 2019 – Jan 2020

Outreach Scholarship

June 2018 – Aug 2019

COMMUNITY INVOLVEMENT

Computational Physics Group (GFC - UFRGS)

Co-Founder. Undergraduate study group.

2020

Porto Alegre, Brazil

ONLINE COURSES

Applied Data Science with Python Specialization

University of Michigan

2021

Coursera

Introduction to Complexity

Santa Fe Institute

2021

Complexity Explorer

Nonlinear Dynamics: Mathematical and Computational Approaches

Santa Fe Institute

2021

Complexity Explorer

Planetary Boundaries

SDG Academy

2021

edX

Introdução à Agronomia com Python e dados

Instituto de Ciências Matemáticas e de Computação

2021

USP

Global Warming I: The Science and Modeling of Climate Change

University of Chicago

2020

Coursera

Climate Change and Health: From Science to Action

Yale University

2020

Coursera

Ecology: Ecosystem Dynamics and Conservation

American Museum of Natural History

2020

Coursera

Data-driven Astronomy

University of Sydney

2020

Coursera

Climate Change From Learning to Action

United Nations Institute for Training and Research

2020

UN CC:Learn

SKILLS

Languages: Portuguese (Native), English (B2), Italian (A1), German (A2)

Programming: Python (NumPy, SciPy, Matplotlib, Pandas), C, Linux command line

Document Creation: Microsoft Office Suite, LaTeX, Markdown