

Lucas Rodés-Guirao

EXPERIENCE

Senior Data Scientist

Our World in Data

Apr 2021 - now — 4+ years, remote

- [COVID-19 global dataset](#) (used by WHO, NYT, FT, etc.).
- Demography ([Population](#), [Life Expectancy](#)), Health ([Suicide](#), [Mental Health](#), [Pandemics](#)), [Ozone Layer](#), [War & Peace](#), [Democracy](#).
- Development and maintenance of [our ETL](#).
- Papers: (1) "Various authors, [A global database of COVID-19 vaccinations](#). *Nature Human Behaviour*, May 2021"; (2) "Various authors. [Best practices for government agencies to publish data: lessons from COVID-19](#). *The Lancet Public Health*, May 2024."

Data Scientist

eDreams Odigeo

Jun 2018 - Apr 2021 — 3 years, Barcelona (Spain)

Analysis and data exploration of user-behavioural data to build predictive models for various products. Research and implementation of ML models to connect flights. Development of Internal tools.

Deep Learning Researcher

National Institute of Informatics

Nob 2017 - May 2018 — 6 months, Tokyo (Japan)

Thesis: [Deep learning for digital typhoon: Exploring a typhoon satellite image dataset using deep learning](#). 2019.

Machine Learning Engineer

Tracy Trackers

Apr 2017- Mar 2018 — 1 year, Stockholm (Sweden) and remote

ML applied to a pet-health wearable. Early-stage startup (8 people).

Teaching Assistant

KTH Royal Institute of Technology 2017 — 1 year, Stockholm (Sweden)

Research Assistant

Karlsruhe Institute of Technology 2015 — 6 months, Karlsruhe (Germany)

EDUCATION

M.Sc in Electrical Engineering

KTH Royal Institute of Technology

2015 - 2018 — Stockholm (Sweden)

M.Eng, B.Eng in Telecom

Polytechnic University of Catalonia

2011 - 2018 — Barcelona (Spain)

PROJECTS (SELECTION)

ETL

docs.owid.io/projects/etl

Data pipeline at OWID.

whatstk

github.com/lucasrodes/whatstk

Analyse WhatsApp chats.

Demography explorer

ourworldindata.org/explorers/

[population-and-demography](https://ourworldindata.org/population-and-demography)

Explore demography indicators.

COVID

<https://ourworldindata.org/owid-covid-history>

Summary of our COVID work at OWID.

hi@lcsrg.me

Barcelona, Spain

I like to dance at 120 bpm.

Social

lcsrg.me

bsky.app/lucasrodesg

linkedin.com/in/lucasrodes

github.com/lucasrodes

Industry Knowledge

Open Source

AI, Agents

Data Viz

Statistics / Machine Learning

Information Theory

Metadata design

AB Testing

Social media & coms

Public data

Tools & Technologies

Python, SQL, GitHub, VS Code,

LLMs, pydantic-ai, Figma, GCP,

Linux, ssh, bash, Streamlit,

DaVinci Resolve, CI/CD,

Raspberry Pi, pandas/numpy, s3

Other Skills

Documentation, metadata

curation, attention to detail,

HTML/CSS/JS (basic),

homeservers

Languages

Spanish, Catalan (native)

English, German (fluent)

Others

- Home gardener
- Animal rights
- Go-karting amateur
- Former DJ/Producer
- Young org of home town
- Maths/Physics teacher (past)