

# Lucas Rodés-Guirao

## Sr Data Scientist/Engineer

### EXPERIENCE

#### Senior Data Scientist

Our World in Data

Apr 2021 - now — 3+ years, Paris

- [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](#).
- Paper: Various authors, [A global database of COVID-19 vaccinations](#). *Nature Human Behaviour*, May 2021.
- Paper: 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 Q2, Q3 2015 — 6 months, Karlsruhe (Germany)

### EDUCATION

#### M.Sc in Electrical Engineering

KTH Royal Institute of Technology

Sep 2015 - Jun 2018 — Stockholm (Sweden)

#### M.Eng, B.Eng in Telecom

Polytechnic University of Catalonia

Sep 2011 - Jun 2018 — Barcelona (Spain)

### PROJECTS (SAMPLE)

#### ETL documentation

[docs.owid.io/projects/etl](https://docs.owid.io/projects/etl)

Documentation at OWID.

#### whatstk

[github.com/lucasrodes/whatstk](https://github.com/lucasrodes/whatstk)

Analyse WhatsApp chats.

#### Demography explorer

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

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

Explore demography indicators.

[hi@lcsrg.me](mailto:hi@lcsrg.me)

Barcelona, Spain

*I like to dance at 120 bpm.*

### Social

[lcsrg.me](https://lcsrg.me)

[x.com/lucasrodesg](https://x.com/lucasrodesg)

[linkedin.com/in/lucasrodes](https://linkedin.com/in/lucasrodes)

[github.com/lucasrodes](https://github.com/lucasrodes)

### Industry Knowledge

Open Source

Data Viz

Machine Learning

Information Theory

Statistics

Metadata design

AB Testing

Social media & coms

Public data

### Tools & Technologies

Python, GitHub, VS Code,

LLMs, Figma, GCP, SSH, SQL,

Bash, Streamlit, DaVinci

Resolve, CI/CD, Raspberry Pi,

pandas/numpy, S3, Linux

### Other Skills

Documentation, Metadata

curation, Attention to detail,

HTML/CSS/JS (basic)

### Languages

Spanish, Catalan (native)

English, German (fluent)

### Others

• DJ/Producer

• Maths/Physics support teacher

• Volunteer in young org of home town