



## Leon Ingelse

Data Scientist

► Dutch

## Languages (human)

Dutch	Native
English	C2
Spanish	C1
Portuguese	B2
French	A2

## Languages (computer)

Python	4.5 yrs.
git	4.5 yrs.
SQL	3.5 yrs.
R	2 yrs.
F#	1.5 yrs.
Java	0.5 yrs.

## Contact

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🌐 github.com/Leoningel

🌐 leoningel.github.io

🎓 Leon Ingelse

## Biography

Lisbon, 7th November 2023

As a mathematician I think in a structured way, solving problems by logically unravelling the obstructions. As a Data scientist I developed a broad range of practical skills, and expanded my creativity and communicative effectiveness. By volunteering, following extra-curricular courses, and working at socially-aware companies, I stay socially and environmentally conscious. I am positive, independent, ambitious, resourceful, positive but critical, activist but realistic, a quick learner and a transparent communicator.

## Work experience

### Research assistant

LASIGE | Lisbon | Remote

Funded by FCT – Supervised by Prof. Fonseca

Main achievements: See [publications](#) and [Genetic Engine](#)

02/2021 - Ongoing

### Research journalist

Global Voices | Remote

Works: [AI usage by Dutch government](#) - [Racism in Portugal](#)

05/2023 - Ongoing

### Software engineer and Data scientist

Impact Institute | Amsterdam

Research & Development team. Main achievement: [Global Impact Database](#).

02/2019 - 08/2020

### High school tutor

OVER huiswerkbegeleiding | Amsterdam

09/2014 - 01/2018

## Education

### Data Science (M.Sc.) | GPA: 18 (/20)

University of Lisbon

Explainable AI • Genetic Programming • Feature Learning • Databases

Thesis: „[Optimisation of Feature Learning through Grammar-Guided GP](#)“.

09/2020 - 09/2022

### Mathematics (B.Sc.) | GPA: 7.06 (/10)

University of Amsterdam

Algebra • Real analysis • Number theory • Topology • Statistics

Thesis: „[p-adic numbers and the local-global principle](#)“.

09/2014 - 01/2019

### International Development (Minor)

University of Amsterdam

09/2018 - 01/2019

### Spanish (Minor)

Pontificia Católica Universidad de Chile

09/2016 - 12/2016

## Selected publications (see all)

Ingelse, Leon, et al. *Comparing Individual Representations in Grammar-Guided Genetic Programming for Glucose Prediction in People with Diabetes*. GECCO workshop (2023).

Ingelse, Leon, and Fonseca, Alcides, (2023). *Domain-Aware Feature Learning with Grammar-Guided Genetic Programming*. EuroGP 2023 Proceedings. Springer Nature.

Ingelse, Leon, et al. (2022). *Personalised Gait Recognition for People with Neurological Conditions*. Sensors 22.11 (2022): 3980.

## Other activities

### Boulder Gym | Co-founder & Manager

Floresta de Baobás | Lisbon

06/2023 - Ongoing

### Coordinator | Volunteer

Buurtbuik West | Amsterdam

10/2019 - 09/2020

### Student Ambassador | Leader Creative Committee

International office University of Amsterdam

02/2017 - 08/2017