



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, 17th October 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 try to stay socially and environmentally conscious. Generally, I am positive, independent, ambitious, resourceful, positive but critical, a quick learner and a direct and transparent communicator.

Work experience

Research assistant

02/2021 - Ongoing

LASIGE | Lisbon | Remote

Funded by FCT – Supervised by Prof. Fonseca

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

Research journalist

05/2023 - Ongoing

Global Voices | Remote

Research for Global Voices. [AI usage by the Dutch government](#).

Software engineer and Data scientist

02/2019 - 08/2020

Impact Institute | Amsterdam

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

High school tutor

09/2014 - 01/2018

OVER huiswerkbegeleiding | Amsterdam

Education

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

09/2020 - 09/2022

University of Lisbon

[Explainable AI](#) • [Genetic Programming](#) • [Feature Learning](#) • [Databases](#)

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

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

09/2014 - 01/2019

University of Amsterdam

[Algebra](#) • [Real analysis](#) • [Number theory](#) • [Topology](#) • [Statistics](#)

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

International Development (Minor)

09/2018 - 01/2019

University of Amsterdam

Spanish (Minor)

09/2016 - 12/2016

Pontificia Católica Universidad de Chile

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

06/2023 - Ongoing

Floresta de Baobás | Lisbon

Coordinator | Volunteer

10/2019 - 09/2020

Buurtbuik West | Amsterdam

Student Ambassador | Leader Creative Committee

02/2017 - 08/2017

International office University of Amsterdam