



Leon Ingelse

Data Scientist

► Dutch

Languages (human)

Dutch	Native
English	C2
Spanish	C1
Portuguese	B2
German	A1

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, 10th April 2023

As a mathematician I think in a structured way, solving problems by logically unraveling the obstructions. As a Data scientist I developed a broad range of practical skills, expanding 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, a quick learner and an efficient communicator. My strongest asset is my communicative skills with both technical and non-technical stakeholders.

Work experience

Research assistant | Msc Fellow | Remote

09/2021 - Ongoing

LASIGE (with Alcides Fonseca)

Funded by FCT & CAMELOT

See publications. Main achievement: Genetic Engine

Research assistant | Msc Fellow

02/2021 - 08/2021

LASIGE (with Tiago Guerreiro)

Funded by FCT

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

Publications

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.

Espada, G., Ingelse, L., et al. (2022). *Data types as a more ergonomic frontend for Grammar-Guided Genetic Programming*. ACM SIGPLAN GPCE Proceedings (pp. 86-94).

Other activities

Coordinator | Volunteer

10/2019 - 09/2020

Buurtbuik West | Amsterdam

Student Ambassador | Leader Creative Committee

02/2017 - 08/2017

International office University of Amsterdam

Football trainer | Volunteer

09/2016 - 12/2016

Escuela de Fútbol Clotario Blest | Santiago de Chile