



Leon Ingelse

Contact

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- 🎓 Leon Ingelse

Languages

Dutch	Native
English	C2
Spanish	C1
Portuguese	B2
French	A2
Italian	A2

Computer skills

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

Biography

Lisbon, 21st September 2025

As a mathematician, I am analytical, critical, and a natural problem-solver. As an AI researcher, I have developed various technical skills and gained extensive experience in independent work and group projects. Although I have a technical background, my social and communicative skills will surprise you. My curiosity for the unknown has taken me around and allowed me to engage with different cultures and worldviews.

I speak four languages, three of which are at a professional level. My passions are technological innovation, writing, social justice, exercise, and engaging in public discourse. I like to challenge and be challenged, as understanding ourselves, our thoughts, and our goals brings growth. Feel free to reach out for a chat!

Work experience

Ethical AI Researcher

06/2024 - Ongoing

Dots & Lines | Remote

Helping Dots & Lines continue on an ethical-aware path. Daily activity includes research, leading our blog and helping with the organisation, strategy and sales.

Data Analyst

03/2024 - 10/2024

Onja | Toamasina (Madagascar) - Remote

Research Assistant

02/2021 - 12/2023

LASIGE | Lisbon | Remote

Funded by FCT – Supervised by Prof. Fonseca

Main achievements: See publications and Genetic Engine

Research Journalist

05/2023 - 11/2023

Global Voices | Remote

Works: AI usage by Dutch government - Colonialism in Portugal

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

Side Jobs

Besides the above, I have done numerous side jobs, e.g., sales agent, receptionist, cleaner, cook, bartender, dish washer, ice cream seller, grape picker, and cashier, amongst others.

Education

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

09/2020 - 09/2022

University of Lisbon

*AI ■ ML ■ 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

Java

0.5 yrs.

Selected publications (see all)

Ingelse, Leon, et al. *A comparison of representations in grammar-guided genetic programming in the context of glucose prediction in people with diabetes*. GP Evolvable Machines 26, 5 (2025).

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.

Projects

Writer

Besides my research and job, I write opinion pieces, promotional texts for [LRC](#) and poetry, and I have written for the newsletter of [Lumiera](#) and [VvdO](#).

09/2023 - Ongoing

Community worker

[Optimization4All](#) | online

02/2025 - Ongoing

Trumpet Player

[Candy Flip](#) | Lisbon

09/2022 - Ongoing

Body Painter

[Risquinhos de Leon](#) | Lisbon

06/2023 - Ongoing

Boulder Gym | Co-founder & Manager

[Floresta de Baobás](#) | Lisbon

06/2023 - 02/2024

Student Ambassador | Leader Creative Committee

International office University of Amsterdam

02/2017 - 08/2017

Volunteering

Distributor

[Fruta Feia](#) | Lisbon

09/2023 - Ongoing

Cook

[Zona Franca nos Anjos](#) | Lisbon

09/2023 - 02/2024

Coordinator

[Buurtbuik West](#) | Amsterdam

10/2019 - 09/2020

Football trainer

[Escuela de Fútbol Clotario Blest](#) | Santiago de Chile

09/2016 - 12/2016