



## Leon Ingelse

### Contact

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### Languages

**Dutch** Native  
**English** C2  
**Spanish** C1  
**Portuguese** B2

### Computer skills

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

## Biography

Lisbon, 20th August 2024

As a mathematician, I am analytical, critical, and a natural problem-solver. As an AI researcher, I have developed a wide range of technical skills and gained extensive experience in both 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 the world, allowing me to engage with different cultures and diverse worldviews. I speak 4 languages at a professional level. Altogether, I am independent, sociable, reliable, resourceful, positive, and critical. I am also a quick learner and a transparent communicator. Feel free to reach out for a chat!

## Work experience

### Data analyst

Onja | Toamasina (Madagascar) - Remote

03/2024 - Ongoing

### Technical Writer

Dots &amp; Lines | Remote | Part-time freelancer

06/2024 - Ongoing

### Research assistant

LASIGE | Lisbon | Remote

Funded by FCT – Supervised by Prof. Fonseca

Main achievements: See publications and Genetic Engine

02/2021 - 10/2023

### Research journalist

Global Voices | Remote

Works: AI usage by Dutch government - Colonialism in Portugal

05/2023 - 11/2023

### 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

### Side Jobs

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

## Education

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

University of Lisbon

AI ▪ ML ▪ 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.

Projects

|   |                   |
|---|-------------------|
| <b>Writer</b><br>Besides my research writings, I write opinion pieces, write for the newsletter of <u>VvdO</u> , write promotional texts for <u>LRC</u> , and write <u>poetry</u> . | 09/2023 - Ongoing |
| <b>Trumpet player</b><br><u>Candy Flip</u>   Lisbon   | 09/2022 - Ongoing |
| <b>Body Painter</b><br><u>Risquinhos de Leon</u>   Lisbon   | 06/2023 - Ongoing |
| <b>Boulder Gym   Co-founder &amp; Manager</b><br>Floresta de Baobás   Lisbon  | 06/2023 - 02/2024 |
| <b>Student Ambassador   Leader Creative Committee</b><br>International office University of Amsterdam   | 02/2017 - 08/2017 |

Volunteering

|  |                   |
|--|-------------------|
| <b>Distributor</b><br><u>Fruta Feia</u>   Lisbon                                       | 09/2023 - Ongoing |
| <b>Cook</b><br><u>Zona Franca nos Anjos</u>   Lisbon                                   | 09/2023 - 02/2024 |
| <b>Coordinator</b><br><u>Buurtbuik West</u>   Amsterdam                                | 10/2019 - 09/2020 |
| <b>Football trainer</b><br><u>Escuela de Fútbol Clotario Blest</u>   Santiago de Chile | 09/2016 - 12/2016 |

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