



Lucas van der Horst

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Date of birth: 27 Feb 2001 **Nationality:** Spanish

ABOUT ME

I am international, open-minded, motivated and eager to learn. With a Bachelor degree in Physics, certifications in Deep Learning, Machine Learning and Data Science, and living experiences in multiple countries and cultures, I am desirous to keep educating myself and learning how Scientific Computation can bring value to society.

EDUCATION AND TRAINING

[1 Sep 2019 – 24 Jul 2023]

BSc Physics

University of Groningen

City: Groningen | **Country:** Netherlands |

[Mar 2024 – May 2024]

Deep Learning Specialization

DeeplearningAI, Stanford University <https://coursera.org/share/77b6c2ad39a941eaac487a7f4fcd328>

[Jan 2024 – Feb 2024]

Machine Learning Specialization

DeeplearningAI, Stanford University <https://coursera.org/share/c98b0f87e0900b7a9b2e846af6aa9ae3>

[Nov 2023 – Dec 2023]

IBM Data Science

IBM <https://coursera.org/share/1cdbc40e48b2dcc86d7459078a97925c>

[1 Sep 2017 – 31 Jul 2019]

International Baccalaureate

Logos International School

City: Madrid | **Country:** Spain |

WORK EXPERIENCE

[Sep 2021 – Jul 2023]

Teaching Assistant

University of Groningen

City: Groningen | **Country:** Netherlands

- Preparation of tutorials and laboratory practicals,
- guidance to students in tutorial exercises and research projects and
- assessment of students' examinations, reports, teamwork and other graded material.

[2021 – 2021]

Physics personal tutor

Freelance

City: Groningen | **Country:** Netherlands

- Personalized preparation of undergraduate level physics teaching material and exercises and
- personal onsite teaching and guidance through selected exercises.

[2021 – 2021]

Constructor and invigilator

University of Groningen

City: Groningen | **Country:** Netherlands

- Digital construction of exams and
- supervision and attendance check of students during examinations.

[Jun 2017 – Sep 2017]

Landscaper assistant

Freelance

City: Brittany | **Country:** France

- Overall assistance with the management of tools and materials, the construction of certain elements and other activities.

LANGUAGE SKILLS

Mother tongue(s): Spanish , French

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Python | Deep Learning | Machine learning | Pandas, NumPy, Matplotlib Pyplot, Plotly, Dash, Scikit-learn, SciPy, Tensorflow and BeautifulSoup4 | Data Science, Data Analytics, Data Visualization | Bash | SQL | Google Cloud Run | Google Cloud Databases | HTML | Git | LaTeX | ChatGPT

HOBBIES AND INTERESTS

Member of the Groninger Studenten Alpen Club

Member of the alpine student association in Groningen, The Netherlands, 2022-23.

Beginner and advanced alpinism courses

Alpinism courses in Austria. Summers of 2022-23.

Summer scout camps

Summer camps with the Scouts in Belgium. Summers of 2010-17.