

# Lucas Romero Fernández

Physicist



## About me

A hard-working, kind and diligent person with a strong sense of duty since childhood, who always seeks self-improvement and continuous learning day after day. Even if sometimes this attitude can demand too much of me, make me worry excessively and overwhelm me, I always strive to overcome adversity and find success with perseverance, effort and teamwork. At the moment, seeking to become a PhD student to train in the research sector in any area slightly related to my interests.

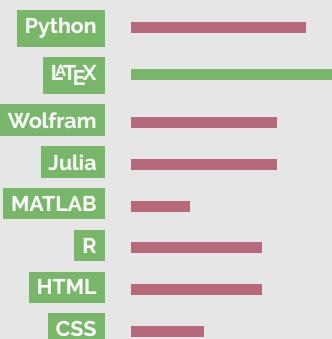
## Personal

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👤 Lucas Romero Fernández  
🌐 Website  
💬 Lucansio14

## Areas of specialization

- Physics • Astrophysics • Solar Physics • Mathematics • Programming

## Programming languages



## Interests

Astrophysics (especially, solar physics), research, Python programming, numerical simulations, numerical solutions of equations, data analysis and management, continuous training, and increasing my overall learning capacity.

## EDUCATION

2024-2025

### Master's Degree in Advanced Physics and Applied Mathematics

UNIVERSITAT DE LES ILLES BALEARS · Majorca, Balearic Islands 

Advanced training for the Physics Degree, directed towards research, although with nuances focused on the professional field. Specialized in astrophysics and relativity, including plasma and solar physics (especially, magnetohydrodynamics) and computational analysis. The master's thesis (with possibilities of turning into an article in the future), which can be found on my website, centered around dissipative torsional Alfvén waves in solar photospheric flux tubes, where I obtained a final mark of 9.0/10. Final grade of the degree: 8.98/10.

2019-2024

### Bachelor of Science in Physics

UNIVERSITAT DE LES ILLES BALEARS · Majorca, Balearic Islands 

Degree where the user has developed a background of essential concepts in the field of physics with specialization in relativity and astrophysics, with practical implementations through computational physics and programming. The final degree project, which can be found on my website, centered around the resonant attenuation of radial harmonics of magnetohydrodynamic kink modes waves in the solar corona, where I obtained a final mark of 9.3/10. Final grade of the degree: 6.77/10.

2017-2019

### Baccalaureate

IES SES ESTACIONS · Majorca, Balearic Islands 

Science modality finished with a top-of-the-class final grade of 9.16/10 (High Honors).

2013-2017

### Compulsory Secondary Education

Es LICEU · Majorca, Balearic Islands 

Scientific-focused education that concluded with a final grade of 8.83/10. For that reason, I was awarded a special recognition by the local government of the Balearic Islands.

## CERTIFICATES & RECOGNITIONS

2017 Special acknowledgment for the academic trajectory and study commitment in Compulsory Secondary Education.

## LANGUAGES

English	B2	With certification that encompasses all macro skills.
	C1	Currently studying.
Spanish	Native	Mother tongue.
Catalan	C1	With certification that encompasses all macro skills.

## TRANSVERSAL SKILLS

- Learning and knowledge utilization.
- Planning, organization and concern for order and quality.
- Networking.
- Empathy.
- Self-confidence and self-control.
- Communication, teamwork and cooperation.
- Analytical, conceptual and critical thinking.
- Initiative.
- Commitment to the organization.