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ELLIS Alicante x TReND in Africa

TEACHING AI IN LILONGWE UNIVERSITY, MALAWI

Unlocking the potential of Artificial Intelligence (AI)
for Social Good in the Global South

Gergely Németh, PhD Student @ ELLIS Alicante

Piera Riccio, PhD Student @ ELLIS Alicante



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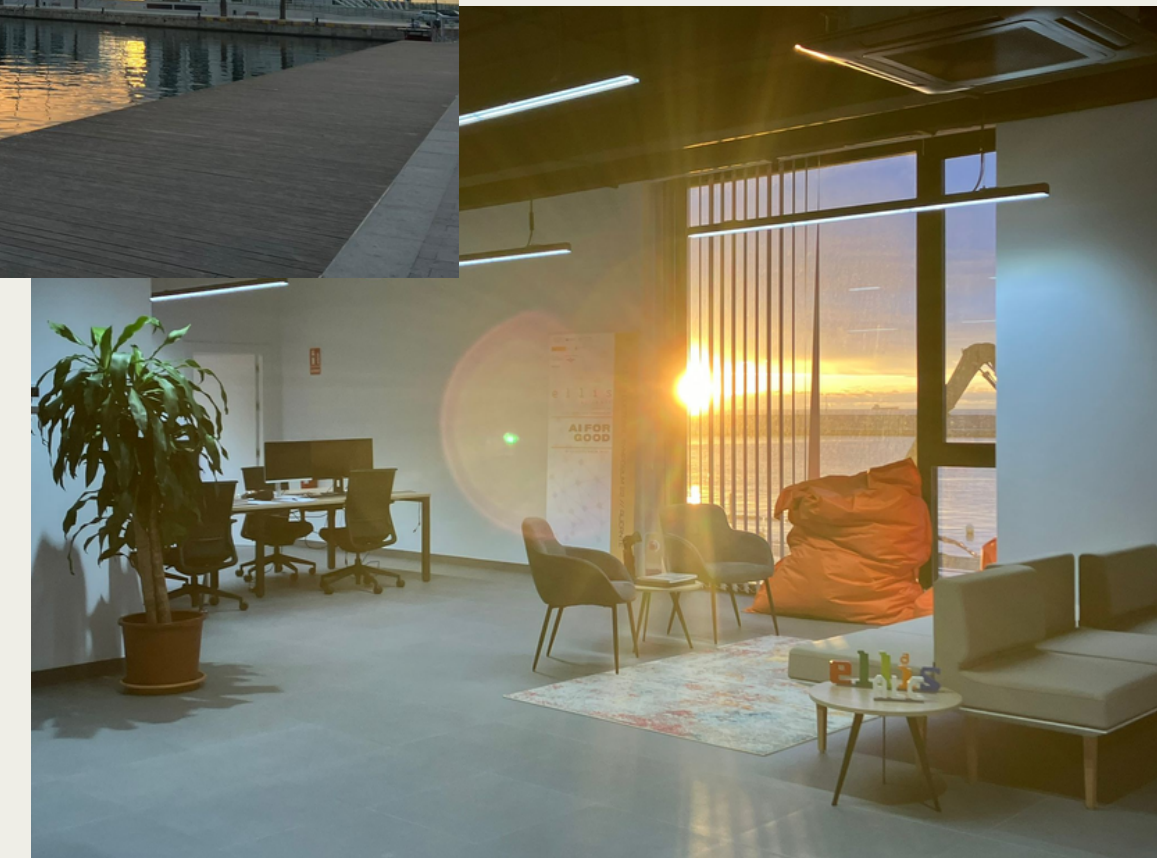
ELLIS ALICANTE

ELLIS Alicante is a non-profit research foundation devoted to scientific research on ethical and responsible AI for Social Good. It belongs to ELLIS, the European network of scientific excellence in AI.

In addition to research, we firmly believe in the need for scientific outreach on AI and for contributing to close the digital divide between the North and the Global South.

VOLUNTEERING IN AFRICA

To this end, ELLIS Alicante is launching an educational project of volunteering in Africa by which its scientists would spend two weeks teaching AI in collaboration with relevant NGOs.



<https://ellisalicante.org>

TREND IN AFRICA

TReND is a non-profit supporting scientific capacity building across Africa. They run cutting edge biomedical training courses, provide universities with scientific equipment, run academic volunteering and outreach schemes, and support and work with African researchers.



IN THIS PROJECT

Individuals with diverse backgrounds share their expertise with students in Lilongwe University (Malawi). The involved experts commit to be at the vanguard of transforming science and education on the continent.



PROJECT GOALS:

- **Teach** data science and machine learning methods to students at Lilongwe University.
- **Tutor** students via hands-on programming exercises with popular open-source programming languages and tools.
- **Provide** expert feedback tailored on research projects and their datasets in socially relevant topic areas, such as insectology and agriculture

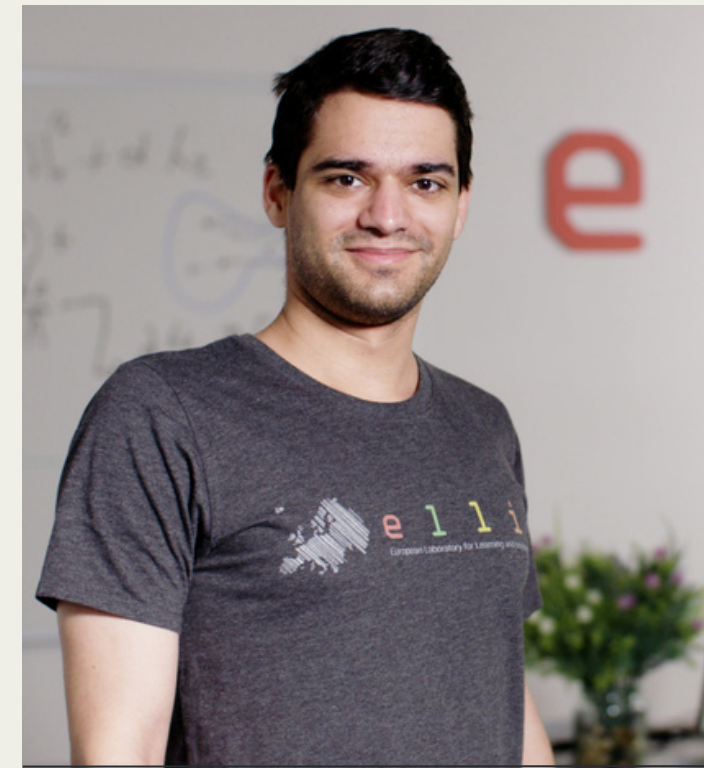


VOLUNTEERS:



Piera Riccio

Piera Riccio is an ELLIS PhD student, studying the influence of AI on the definition of human aesthetics in visual Arts. Her supervisors are Nuria Oliver (ELLIS Alicante) and Thomas Hofmann (ETH Zurich).



Gergely D Németh

Gergely Dániel Németh is an ELLIS PhD student, working on Federated Learning, a privacy-preserving AI approach. His supervisors are Nuria Oliver (ELLIS Alicante), Novi Quadrianto (University of Sussex), and Miguel Angel Lozano (University of Alicante).



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FINANCIALS:

Required funds: € 6,000

Your financial support will enable Piera & Gergely to travel to Malawi, making this fascinating project a reality

By supporting this initiative, you will

- Become a **sponsor** of the ELLIS Alicante Foundation
- Contribute to closing the **digital gap** in the Global South
- Enable the use of **AI for Social Good** in relevant use cases for Malawi



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Thank you for your support.



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