

Diego Calanzone

Deep Learning researcher in vision, language & mixed modalities. Seeking super-intelligence.
[halixness.github.io](https://github.com/halixness) | [in/diegocalanzone](https://www.linkedin.com/in/diegocalanzone)

EDUCATION

University of Trento

M.Sc. in Artificial Intelligence Systems

Trento, Italy

Sep. 2022 – Present

University of Parma

B.Sc. in Computer Science | Grade: 110/110 (top 2%)

Parma, Italy

Aug. 2018 – Sept. 2021

- **Projects:** DeepSWE - Research Capstone Project ([github](#))
Seminar: Natural Language Supervision & OpenAI CLIP ([github](#))

University of Leeds

Computer Science | Avg. 1° Grade | Erasmus+ Exchange

Leeds, UK

Sept. 2019 – Jun. 2020

- **Projects:** CompSci/Sensible Robots Team - Object Detection @ ROS ([home](#))

RESEARCH

Research Assistant

University of Parma

Oct. 2020 – Sept. 2021

Parma, Italy

- Title: Floodings prediction through Deep Learning of temporal sequences
- Simulations with Shallow Water Equations modeled as a video prediction task.
- Supervisor: Dr. Alessandro Dal Palù | Co-supervisor: Dr. Renato Vacondio

Research Project

University of Leeds

Feb. 2020 – Apr. 2020

Leeds, UK

- Title: Graph Neural Networks for Covid-19 outbreak detection
- Study of logistic algorithms and graph-based time series forecasting on COVID-19 datasets.
- Supervisor: Dr.Ali Gooya | Tutor: Soodeh Kalaie, PhD

PROFESSIONAL EXPERIENCE

Software Engineer, R&D | Diapason Digital S.r.l.

Feb. 2022 – Sept. 2022

- Full-stack development. Code refactoring, backend and frontend unit testing, introduced clean-code standards and secured the server infrastructure. Introducing language models for better code development.

Co-founder, Software Engineer | Campo Digitale S.r.l.

Apr. 2020 – Sept. 2021

- Designed and developed a prototype e-commerce platform with dynamic pricing and purchasing groups.
- **Awards:** Officine Italia (winner), CityUP (winner), Hack4Italy 2020 (finalist).

Senior Software Engineer | EDEMPG Comunicazione S.r.l.

Feb. 2018 - Feb. 2021

- Founded the software development team. Developed custom softwares for HR, CMS, newsletter marketing. Social media analysis (instagram, facebook) and data collection for ads. Server administrator.

Software & ML Developer | Grapheme E-Learning

Nov. 2017 – Apr. 2018

- Chatbots as virtual tutors for students with seq-to-seq models. Startup pivoted to the B2B "e-Plato S.r.l."
- **Awards:** InnoWerft Up2B (finalist).

HONORS AND AWARDS

Erasmus + Ministry of Education, University and Research : full year exchange scholarship. 2019
ER.GO : regional scholarship for academic merit. 2019, 2020, 2021
Federazione Nazionale dei Cavalieri del Lavoro : scholarship and excellence award. 2018

EXTRACURRICULAR ACTIVITIES, COMMUNITY

Mentee | LeadTheFuture

Oct. 2021 – Present

- Among the few Italian students selected to be mentees for LeadTheFuture, a leading mentorship non-profit organization for students in STEM, with acceptance rate below 20%.

Community manager, Member | Italian Association for Machine Learning

Jan 2021 – Present

- Speaker in "From CNNs to Transformers, on the advancements in Computer Vision" (02-17-2021)

Students Representative, CS Council | University of Parma, Italy

May 2019 – May 2021

Languages | : Italian (mother tongue), English (TOEFL C1+), French (A1)