

Diego Calanzone

Deep Learning student, full-stack developer, software engineer.
(+39) 327-591-5903 | diegocalanzone@gmail.com | [in/diegocalanzone](https://in.diegocalanzone) | github.com/halixness

EDUCATION

University of Leeds

Leeds, UK

Computer Science | Avg. "First" Level Grade | Erasmus+ Exchange

Sept. 2019 – Jun. 2020

- **Projects:** COMP2913 "The Edgy" - Software Engineering Capstone Project ([github](#))

University of Parma

Parma, Italy

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

Aug. 2018 – Sept. 2021

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

PROFESSIONAL EXPERIENCE

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

Apr. 2020 – Set. 2021

- Co-founded the company in multi-disciplinary team of 5 startups.
- Designed and developed a prototype e-commerce platform with dynamic pricing and purchasing groups.
- **Awards:** Officine Italia (winner), CityUP (winner), Hack4Italy 2020 (finalist).

Software Engineer | EDEMPG Comunicazione S.r.l.

Feb. 2018 – Feb. 2021

- Worked with designers and experts to provide marketing services to companies.
- Developed proprietary tools for project management, marketing campaigns and H&R management.
- Internalized software services and founded the Software development team.

Software & ML Developer | Grapheme E-Learning

Nov. 2017 – Apr. 2018

- Developed a prototype question-answering chatbot for students.
- Startup pivoted to e-Plato S.r.l. providing NLP solutions.
- **Awards:** InnoWerft Up2B (finalist).

RESEARCH

Research Scientist - Bachelor's Thesis

Oct. 2020 – Sept. 2021

University of Parma

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 Pal  | Co-supervisor: Dr. Renato Vacondio

Research Assistant

Feb. 2020 – Apr. 2020

University of Leeds

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

TECHNICAL SKILLS

AI/Deep Learning (intermediate) : Computer Vision, Reinforcement Learning, Geometric DL

Software Engineering (intermediate) : AGILE/Kanban development, Architecture Design

Backend (advanced) : SQL/NoSQL, NodeJS (+JS), PHP, C++/C, C#, Java, Swift, Wordpress, Docker, Linux Server

Frontend (intermediate) (frameworks) : Bootstrap, React, Express (**ad-hoc**): JSX, HTML5, CSS3/Less

EXTRA ACTIVITIES, VOLUNTEERING

Moderator, member | Italian Association for Machine Learning

Jan 2021 – Present

Student Representative, CS Faculty Council | University of Parma, Italy

May. 2019 – May. 2021

Languages: Italian (native), English (TOEFL C1+), French (A1)