

Riccardo Lincetto

Expert in computer vision (classical, neuromorphic), robotics, deep learning, LLM agents.

Motivated by challenging problems, committed to continuous learning, highly organized. Experienced in both team and independent work.

Available as contractor or consultant.

Contacts:

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LinkedIn: [Riccardo Lincetto](#)

Links:

lincior.github.io

EXPERIENCE

Full Stack AI Engineer - *Freelancer*

December 2023 - now / Remote

Parcel and barcode detection for warehouse applications [training] with generated synthetic data [simulation], deployment on embedded device [quantization], c++ post-processor for inference [development].

Visual defect segmentation for a fashion client, with their custom camera acquisition system [training].

LLM-based agentic applications [development], RAG, MCP/tools.

Machine Learning Engineer - *CGTrader*

February 2022 - November 2024 / Remote

Generative AI research for 3D (text-to-3d, image-to-3d) and integration into [cgdream.ai](#); early-stage BE design and build of [cgdream.ai](#); at-scale image classification and aesthetics ranking projects (measured increased revenue by 100k USD); custom deployment process of ML models (containers, custom registry, API).

Computer Vision Engineer - *Dronus*

September 2019 - September 2021 / Trieste (IT)

Research and prototyping of computer vision and learning-based algorithms for drones navigation and applications. Work on optical flow and object detection on resource constrained settings. Sensors research for system design. Mechanical parts control on Arduino.

Computational Imaging Intern - *Sony*

September 2018 - March 2019 / EuTEC, Stuttgart (DE)

Internship and Master Thesis on multispectral data acquisition with event-based cameras. Use of events obtained from a spectral filter tuning to reconstruct the spectrum of the scene. Sensor tests and benchmark evaluation with simple reconstruction methods.

TECHNICAL SKILLS

Electronics, vision sensors (RGB, multi-spectral, event-cam, ToF);

Linux, Shell, Git, Docker, AWS;

Python, C++, JavaScript;

PyTorch, NumPy, OpenCV, Pandas, FastAPI, ROS, LangChain/LangFlow;

LANGUAGES

Italian - mother tongue

English - proficient

German - basic

EDUCATION

MEng @ UNIPD (Padua, IT)

Telecommunications

Oct 2016 - Apr 2019

Score: 110 cum Laude / 110

BEng @ UNIPD (Padua, IT)

Information Technology

Oct 2013 - Nov 2016

Score: 98 / 110