

PROFILE

NAME

Lorenzo

SURNAME

Cirillo

LORENZO CIRILLO

Ph.D student in Cybersecurity & Computer Vision at AlcorLab
Sapienza University of Rome, Department of Computer, Control
and Management Engineering (DIAG).

EDUCATION

M.Sc. Artificial Intelligence & Robotics (L-32)

2022-2024, Sapienza University of Rome, Italy

Thesis title: *Towards Efficient and Interpretable Depth Estimation: A Study on Attention Module Optimization and Model Explainability*

B.Sc. Computer and Control Engineering (L-8)

2019-2022, Sapienza University of Rome, Italy

Thesis title: *Automating Gitlab procedures of scaffolding: quick project initialization*

Scientific high school diploma

2014 – 2019, Evangelista Torricelli School, Rome, Italy

WORK EXPERIENCE

AI Researcher, Bank of Italy Applied Research Team

2023-2024, knowledge graph modeling and anomaly configuration detection

Software Engineer, Key Partner s.r.l.

2022, web app implementation for quick gitlab project initialization

RESEARCH INTERESTS

- o Deep learning security
- o Explainable artificial intelligence
- o Computer vision model optimization

PUBLICATIONS

C. Schiavella, **L. Cirillo**, L. Papa, P. Russo, and I. Amerini, "Optimize vision transformer architecture via efficient attention modules: A study on the monocular depth estimation task," in *International Conference on Image Analysis and Processing*, Springer, 2023, pp. 383–394.

https://link.springer.com/chapter/10.1007/978-3-031-51023-6_32

SKILLS

- o ADVANCED: Python (PyTorch, TensorFlow), Matlab, SQL, C, Linux, LATEX
- o INTERMEDIATE: Java, JavaScript, NodeJS, ReactJS, HTML, CSS
- o BASIC: C++, ROS, PHP

Il sottoscritto dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

CERTIFICATIONS

IT certification ECDL

English level B2 (university eligibility)

HOBBY

Sports, technology, volunteering