

Curriculum Vitae

LUCA PAROLARI

SUMMARY

I am a 27 year old PhD student at the University of Padova. I'm currently working on contrastive learning for polyp tracking and re-identification in medical domain. I have a deep fascination with astronomy.

PERSONAL DATA

BIRTH:	Brescia, Italy, on October 23th 1997. Italian citizen. Male.
CURRENT LOCATION:	Padova, Italy
EMAIL:	luca.parolari23@gmail.com
LINKEDIN:	linkedin.com/in/lparolari
GITHUB:	github.com/lparolari

EDUCATION

2023–today	PHD STUDENT, Brain, Mind and Computer Science University of Padova, Italy
2019–2021	MASTER DEGREE, Computer Science and Artificial Intelligence University of Padova, Italy Grade: 110/110 cum laude
2016–2019	BACHELOR DEGREE, Computer Science University of Parma, Italy Grade: 110/110 cum laude
2011–2016	DIPLOMA, Computer Science ITCG “Olivelli-Putelli” Grade: 88/100

PUBLICATIONS

L. Parolari, A. Cherubini, L. Ballan, C. Biffi. Towards Polyp Counting in Full-Procedure Colonoscopy Videos. Under review at *ISBI*25. 2025.

L. Parolari, E. Izzo, L. Ballan. Harlequin: Color-driven Generation of Synthetic Data for Referring Expression Comprehension. In *27th International Conference on Pattern Recognition*. 2024.

D. Rigoni, L. Parolari, L. Serafini, A. Sperduti, L. Ballan. Weakly-Supervised Visual-Textual Grounding with Semantic Prior Refinement. In *34th British Machine Vision Conference 2023*. 2023.

L. Parolari. Weakly Supervised Visual-Textual Grounding based on Concept Similarity. *Mr. Thesis*. 2021.

L. Parolari. Design and Implementation in Picat of a Set Constraint Solver. *Bachelor Thesis*. 2019.

WORK EXPERIENCE

11/2023–current	PhD Student at University of Padova, Italy
12/2022–10/2023	Research Fellow at University of Padova, Italy
01/2022–11/2022	AI Software Engineer at Orobix, Bergamo, Italy
11/2019–06/2021	CS Teacher at “Camillo Golgi” High School, Breno (BS), Italy
consultant, on-call	Full Stack Developer at Nexio Informatica, Capo di Ponte (BS), Italy
consultant, on-call	Software Engineer at Esabit, Cedegolo (BS), Italy
11/2016–09/2019	Full Stack Developer at Bliss Coffee Vending, Parma, Italy