



# Lorenzo Borghi

IT Engineering Student

📍 Modena, Italy  
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## Skills

### AI / Computer Vision

PyTorch, TensorFlow, OpenCV, CNNs

### Embedded Systems

RTOS, Linux Kernel, Microcontroller

## Certifications

### Advanced B2

Cambridge  
April 2023

## Publications

### Bits2Bites: Intra-Oral Scan Occlusion Classification

Lorenzo Borghi, Luca Lumetti, ..., Federico Bolelli  
August 2025  
<https://openreview.net/forum?id=6KfC6LkKF4>

## Languages

### Italian - Mother tongue

### English - C1

### German, French - A2

IT Engineering undergraduate with hands-on experience in computer-vision research (PyTorch, deep learning) and embedded RTOS development. Seeking a research-oriented internship where I can apply my AI expertise while contributing to innovative hardware projects.

## Profiles

🔗 [lollo004](#)

## Experience

**Scuola Primaria Anna Frank** February 2023 - June 2023  
Robotics Teacher Modena, Italy

🔗 <https://www.ic1modena.edu.it/scuola-primaria-anna-frank/>

Introduced 6-10 years old students to basic block programming, resulting in a 70 % increase in student engagement measured via post-session surveys.

**Erasmus** September 2024 - July 2025  
International Student Regensburg, Germany

🔗 <https://oth-regensburg.de>

Completed advanced modules in Computer Vision, AI / Neural Networks and Compiler Construction at OTH Regensburg.

**Lorenzo Studio** 2022 - Present  
Freelancer Bomporto, Modena

I run my own company involved in the web development field. Lorenzo Studio currently builds websites and tailored IT solutions for various companies. We run our own independent server infrastructure.

## Education

**I.T.I.S. Enrico Fermi** 2018 - 2023  
IT and Telecommunications High School

94.0/100

🔗 <https://www.fermi-mo.edu.it>

**University of Modena and Reggio Emilia** September 2023 - Present  
IT Engineering Bachelor degree

🔗 <https://www.unimore.it>

## Projects

**CANSAT - ESA** September 2022 - May 2023

Launch an atmosphere satellite

🔗 <https://www.esa.int/Education/CanSat>

RTOS, Microcontroller, Blender, Apache NuttX

## Volunteering

**Parrocchia di San Nicolò** 2017 - Present  
Kids Animation Bomporto, Modena

I hereby consent to the processing of the data I provided in this CV in accordance to the Regulation of the European Parliament 679/2016.