



Igor Lirussi

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📍 via VI Maggio 24, 33030, Forgaria nel Friuli (UD), Italy

WORK EXPERIENCE

RESEARCHER - COGNITIVE ROBOTICS

Oct 2021 - Feb 2024



Istanbul (TR) Boğaziçi University: Cognitive Learning and Robotics Laboratory

Enabled industrial and collaborative robots to plan and perform different manipulative actions on objects and assess the results to achieve long-term goals. Particle-simulation physics in VR. Cognitive Robotics and Virtual Reality

RESEARCH ASSISTANT - INTERACTION ROBOTICS

Apr 2020 - Sep 2020



Stockholm (SE) KTH Royal Institute of Technology: Robotic Perception and Learning Department

Creation of software for natural language interaction with a humanoid robot. Human-Robot Interaction and Dialog Engines

RESEARCH SCHOLAR - COMPUTER VISION

Sep 2018 - Sep 2019



Lisbon (PT) IST Instituto Superior Técnico: I.S.R. Institute for Systems and Robotics - VisLab

Development of software for a mobile robot to navigate indoors and recognize surroundings. Object Recognition, NLP for Human-Robot Interaction, SLAM, and Visual Navigation Systems

EDUCATION



MSc. COMPUTER SCIENCE AND ENGINEERING, *University of Bologna* Sep 2019 - Dec 2023

Thesis: Novel robotic action synthesis with Conditional Neural Movement Primitives.



INTERNATIONAL STUDENT MSc., *Stockholm University*

Jan 2020 - Jul 2020

Decision Making and Business Intelligence, Network Security, Cyber Forensics



INTERNATIONAL STUDENT BSc., *Lisbon University*

Sep 2018 - Sep 2019

Artificial Intelligence, Operational Research



BSc. COMPUTER SCIENCE AND ENGINEERING, *University of Bologna* Sep 2014 - Sep 2019

Thesis: Framework for navigation and Human-Robot interaction with humanoid robots.

TECHNICAL SKILLS & SOFTWARE

Programming paradigms: imperative/OO/functional/logic/concurrent.

Languages: C, C++, C#, Java, Scala, Bash scripting, Python.

Advanced knowledge of embedded systems and automation,

Image processing algorithms, machine learning, video/photo editing.



Git/GitHub Actions/Projects



OpenCV



ROS



PyTorch

LANGUAGES & INTERESTS



IT Native Speaker



EN Full Proficiency



PT Conversational



SV Basic level



TR Basic level

Winner "The 30 new emerging ideas of 2021" - Startup Day Unibo

Theoretical and Practical course of First Aid for companies

Cooking and DIY Enthusiast

Sport and Videomaking Passionate

Food Aid Program Volunteer - Blood Donor

In compliance with Italian Legislative Decree n.196 dated 30/06/2003, I hereby authorize to use and process my personal details contained in this document. Version updated on January 14, 2026. [Latest Here](#)