



Igor Lirussi

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WORK EXPERIENCE



RESEARCH ASSISTANT - COGNITIVE ROBOTICS

Oct 2021 - Oct 2022

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

Enabled industrial robot to pick an object requested. 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 - Today

Thesis: Novel robotic action synthesis with Conditional Neural Movement Primitives



ERASMUS MSc., Stockholm University

Jan 2020 - Jul 2020

Decision Making and Business Intelligence, Network Security, Cyber Forensics



ERASMUS 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 Human-Robot interaction with humanoids.

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



Unity



Latex Writing

LANGUAGES & INTERESTS



IT Native Speaker



EN Full Proficiency



PT Conversational



SV Basic level

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

Theoretical and Practical course of First Aid for companies

Cooking and Sports Enthusiast

Food Aid Program Volunteer - Blood Donor