



Fabio Scaparro

● WORK EXPERIENCE

03/2020 – 10/2021 Roma, Italy
ROS DEVELOPER ROBOTICS 3D

Developing and testing features for the MARRtino robotic platform including navigation, speech capabilities, docking algorithm. Attendance at Trieste Maker Faire in 2020 and 2021.

● EDUCATION AND TRAINING

09/2018 – 10/2021 Rome, Italy
BACHELOR IN COMPUTER AND SYSTEMS ENGINEERING Sapienza

Honours Programme: Developing and testing features for the MARRtino robotic platform

Field of study Information and Communication Technologies (ICTs) not further defined | **Final grade** With Honors |

Thesis Modeling and hybrid control of an hopper robot

10/2021 – CURRENT Rome, Italy
MASTER DEGREE IN ARTIFICIAL INTELLIGENCE AND ROBOTICS Sapienza

Honours Programme Evaluating adaptive thresholds for surface normals estimation in real data

Main subjects:
Artificial Intelligence
Machine Learning
Reinforcement Learning
Robotics
Simultaneous Localization and Mapping

Field of study Artificial Intelligence

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1		C1	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

ROS(robot operating system) | C++ | Python | Matlab/Simulink | Pytorch, Tensorflow | Gym RL library

● ADDITIONAL INFORMATION

HONOURS AND AWARDS

07/2023

Runner-up at RoboCup 2023@Bordeaux – RoboCup federation and MATLAB Our team of 5 successfully classified for the in person finals in the RoboCup ARM competition sponsored by MATLAB® and scored 2nd place. The competition involved control of a Franka Emika manipulator in order to grasp objects on a table using computer vision.