GIOVANNI BATTISTA DESSY

ABOUT MYSELF

My name is Giovanni I am 26 years old and from Italy.
I have a bachelor's degree in Mechanical Engineering and I graduated with honors in Mechatronic's Engineering at the Polytechnic of Turin.
I worked on my master's thesis project at Purdue University, USA. Where I joined the Maha Fluid Power Lab, where I was involved on the topics of control, design and electrification of hydraulic systems.
After graduating, I joined the Dynamic Legged System Lab at IIT . Working inside the team of the Vinum project.
Currently, I am a second-year PhD student in the same lab where I work on the topic of human-robot interaction and robot-robot interaction with focus on legged robot.

My subject's research covers the topics of legged loco-manipulation and human-robot interaction. My research interest include: optimal control, reinforcement learning and machine learning.

Istituto Italiano di Tecnologia, Dynamic Legged Systems Lab

PhD Student - Current Position

EDUCATION

Politecnico di Torino
Master's Degree in Mechatronic Engineering| 2020-2022, 110L/110

Università degli Studi di Cagliari
Bachelor's Degree in Mechanical Engineering| 2017-2020 , 106/110

PROFESSIONAL EXPERIENCES

Purdue University, West Lafayette, Indiana, USA
Thesis work at MAHA Power Fluid Research lab ,2022

Istituto Italiano di Tecnologia, Dynamic Legged Systems Lab

Fellow Researcher|Feb 2023- Feb 2024

CONTACT INFORMATIONS

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in @giovannidessy

LANGUAGE

- English, C1, TOELF
- Italian

MAIN SKILLS

- ROS/ROS 2
- Python
- MoveIT
- C++
- Gazebo
- Linux
- Matlab & Simulink
- Solidworks
- Git
- Isaaclab
- Mujoco
- PyTorch