



# Sergio Gugliandolo

## Contacts

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- Linkedin
- Website

- Driving license B
- Willing to travel in Italy, abroad
- Willing for transfers in Italy, abroad

## Languages

Italian; English

## Hard skills

Matlab; Simulink; Simscape; State-flow; ROS; ROS2; Gazebo; Fusion360; Inventor; Solidworks; Onshape; VS-code; GIT; AutoHotKey; Excel; LTSpice; NI LabVIEW; NI Multisim; Tracker; Revit; Maple; C; Cpp; Python; Java; Javascript; LATEX; HTML; Tailwind; CSS.

## Soft skills

Project management; Prototyping; Creativity; Attention to detail; Problem-solving; Innovation; Teamwork; Ability to work under pressure; Curiosity; Leadership; Analytical thinking; Active listening; Adaptability; Brainstorming; Research; Resilience; Reliability; Flexibility.

# Working experience

2022 - Present

**Team ISAAC**  
Team leader and head of mechanics area

- I helped developing the first iteration of the robot (MK1).
- My expertise earned me a leadership position as Head of the Mechanical Department, where I guided the team in designing and developing the MK2 robot.
- My leadership acumen was further exemplified in my role as Team Leader, where I guided and motivated a team of 35+ university students.

Politecnico di Torino

# International experience

August 2019

**York University**

Toronto, CANADA

August 2018

**Manhattan College**

New York, UNITED STATES OF AMERICA

July 2017

**Napier University**

Edinburgh, UNITED KINGDOM

July 2016

**Dublin City University**

Dublin, IRELAND

July 2015

**Hertfordshire International College**

Hatfield, UNITED KINGDOM

# Education

2024

**Startup Academy**

I3P - S.c.p.a.  
Support future entrepreneurs in their early stages with theory pills, business games and moments of open confrontation with I3P tutors, external mentors and already established startups.

2023 - Present

**M.Sc in Mechatronics Engineering**

Politecnico di Torino  
Learn how to integrate the interdisciplinary skills of electronics, mechanics, automatic controls and information technology from the very beginning of the design process.

2019 - 2023

**B.Sc in Biomedical Engineering**

Politecnico di Torino  
Thesis: "Methods of diagnosis and treatment of conduction block in motor nerves"  
Fusion of engineering disciplines like mechanics, materials science, and electronics with the addition of some medical knowledge.

2014 - 2019

**High school diploma**

S.G.Bosco, Messina  
Specializing in mathematics and physics