



Sergio Gugliandolo

Contacts

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- ℹ️ Driving license B
- ℹ️ Willing to travel
- ℹ️ Willing for transfers

Languages

Italian (native); English (B2, FCE)

Hard skills

Matlab; Simulink; Simscape; Stateflow; ROS; ROS2; Gazebo; Fusion360; Inventor; Solidworks; Onshape; VS-code; GIT; AutoHotKey; Excel; LTSpice; NI LabVIEW; NI Multisim; Tracker; Revit; Maple; C; Cpp; Python; Javascript; L^AT_EX; HTML; Tailwind; CSS, XML; YAML.

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.

Passionate about bridging engineering and biology, I am a mechatronics engineer in love with innovations. My expertise lies in designing, developing, and integrating systems that solve complex challenges. My education and experience have provided me with a deep understanding of mechanical, electronic, control, and biomedical engineering principles – a powerful combination! I possess a proven ability to seamlessly translate theoretical concepts into practical applications. I am also in for creativity, problem-solving, and collaborative teamwork. These qualities, coupled with my energy, make me an invaluable asset to any team seeking to revolutionize any field. My skills? -0.08(3) - or at least I try.

Working experience

2025/11 Present	LG real estate Sole Administrator - Consolidated experience in property renovation, with focus on energy efficiency and functional design; - Deep knowledge of materials, construction techniques and transformation of spaces into modern and high-value environments; - Complete management of renovation projects, from planning to execution, with attention to quality, timing and costs.	LG real estate S.R.L.
2024/04 Present	BrainTex Co-founder & CPO of BrainTex - Co-founded the company with three colleagues, immersed myself in the startup ecosystem and deepened my understanding of entrepreneurial dynamics; - Developed and maintained the mechanical hardware component, including patent registration, technical documentation writing, and validation in industrial environments; - Managed company server infrastructure; - Cross-functional involvement in fundraising, networking, and strategic startup activities.	BrainTex S.R.L.
2022/10 2025/11	Team ISAAC Team leader & Head of mechanics area - Contributed to developing the first iteration of the robot (MK1); - Led the Mechanical Department as Head, guiding the team in designing and developing the MK2 robot; - Guided and motivated a team of 35+ university students as Team Leader.	Politecnico di Torino

Education

2024/03	Startup Academy	I3P - S.c.p.a.
2024/05	Mastered the complexities of startup creation, transitioning from complete beginner to confident novice entrepreneur. Involvement in theoretical lessons and pitch simulations. Interaction with experienced I3P tutors, external mentors, and established startup founders.	
2023/09 Present	M.Sc in Mechatronics Engineering Mastered integration of electronics, mechanics, automatic controls and IT to create robust and efficient solutions. Studied specialized topics including Robotics, Robust control theory, Model-based software design, and Electronics. Developed comprehensive project competencies across all engineering disciplines.	Politecnico di Torino
2019/09 2023/09	B.Sc in Biomedical Engineering Thesis: "Methods of diagnosis and treatment of conduction block in motor nerves" Integration of engineering disciplines including mechanics, materials science, and electronics with medical fundamentals.	Politecnico di Torino
2014 2019	High school diploma Specialized in mathematics and physics	S.G.Bosco, Messina

I authorize the processing of my personal data pursuant to Legislative Decree 196 of June 30, 2003 and art. 13 GDPR

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