



Sergio Gugliandolo

Contacts

- Residence:
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- i Driving license B
 - i Willing to travel
 - i 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

2024 - Present	BrainTex Co-founder & COO of BrainTex	I3P - S.c.p.a.
	<ul style="list-style-type: none">- I co-founded BrainTex with three friends. We ventured into the startup ecosystem and expanded our knowledge on the intricacies of building a business.- As the COO, I led the technical development, overseeing all technological aspects of the company and helping to raise the TRL from a basic idea to a commercial product- I was involved in general startup activities including fundraising, networking, and many other essential tasks.	

Education

2024	Startup Academy	I3P - S.c.p.a.
	<p>I mastered the intricacies of building a startup, going from complete novice to a confident entrepreneur. The program provided a dynamic mix of foundational lessons, interactive business games like simulating investor pitches, and invaluable feedback sessions with experienced I3P tutors, external mentors, and established startup founders.</p>	
2023/09/30	M.Sc in Mechatronics Engineering	Politecnico di Torino
Present	<p>From the concept stage, I mastered integrating electronics, mechanics, automatic controls and IT to create robust and efficient solutions. Lectures span from 'Robotics' and 'Robust control theory' to 'Model-based software design' and 'Electronics', to really know everything you need for a complete project.</p>	
2019/09/30 - 2023/09/18	B.Sc in Biomedical Engineering Thesis: "Methods of diagnosis and treatment of conduction block in motor nerves"	Politecnico di Torino
	<p>Fusion of engineering disciplines like mechanics, materials science, and electronics with the addition of some medical knowledge.</p>	
2014 - 2019	High school diploma Specializing in mathematics and physics	S.G.Bosco, Messina

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Place and date: _____

SIGNATURE: _____