

Matteo Romilio Pasqual

📍 Milan (IT) ✉ matteoromilio.pasqual@mail.polimi.it in Matteo Pasqual

"In the middle of difficulty lies opportunity." – Albert Einstein

🎓 Education

Politecnico di Milano	<i>Sep 2024 – Today</i>
M.Sc. in Computer Science and Engineering - Artificial intelligence	
Politecnico di Milano	<i>Sep 2021 – Jul 2024</i>
B.Sc. in Computer Science and Engineering (polimi.it ↗)	Grade: 109/110
Liceo Scientifico "Leonardo da Vinci"	<i>Sep 2016 – Jul 2021</i>
Diploma di Liceo Scientifico - Scienze Applicate (liceogallarate.edu.it ↗)	Grade: 96/100

🔧 Skills

- **Programming & Software Dev.:** C/C++, Java, Python, Git (GitHub), JML, Alloy
- **Databases Technologies:** SQL, Neo4j, MongoDB, Spark, Zilliz-Milvus
- **OS & Middleware:** ROS, Linux, Window, Docker and VMs
- **Other Technologies:** Matlab, Docker and VMs, VHDL/Vivado, LaTeX, MS Office

👨‍🎓 Experience

University Peer-to-peer Tutor	<i>Milano, IT</i>
<i>Politecnico di Milano</i>	<i>Oct 2022 – Feb 2023</i>
<ul style="list-style-type: none">◦ Tutored classmates with the sponsorship of Univeristy◦ Skills acquired: work management, basic teaching skills	

🔬 Projects and Research

Multi-agent System Leonardo Drone Contest 2025	<i>L.D.C. 2025</i>
<ul style="list-style-type: none">◦ Participated in a national university-level competition in the robotics field (Drone Contest ↗)◦ Designed and implemented a multi-agent system for collaborative navigation and task execution using ROS2◦ Developed decentralized decision-making algorithms and inter-drone communication protocols	
K.A.N.s lecture	<i>K.A.N.s</i>
<ul style="list-style-type: none">◦ Presented in a university lecture-like format topics related to Kolmogorov Arnold Networks (Git Hub ↗)◦ evaluated 30/30 and selected for use in future lectures of the Numerical Analysis for Machine Learning (NAML) course at PoliMi	

🌐 Languages

- **Italian:** native
- **English:** B2+ (TOEIC certification, 815 points)

🏆 Awards

Best Freshmen Award: top 5% freshmen of PoliMi	2023
---	------

🤝 Volunteering

Volunteer at Oratorio di Albizzate	<i>Set 2016 – Aug 2021</i>
Albizzate	