FRANCESCO ARGENZIANO

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LANGUAGES

Italian - first language
English - C1

EDUCATION

University of Rome "La Sapienza"

PhD Student in Artificial Intelligence
2022-

Master Degree in Artificial Intelligence and Robotics
Magna cum laude and Honours Program
2020-2022 (22 months)
Thesis: "Knowledge Graph Completion for Robot Semantic Mapping"

University of Naples "Federico II"

Bachelor Degree in Computer Engineering
Magna cum laude
2017-2020 (36 months)
Thesis: "Segmentation of medical images for glaucoma detection"

High School of Marcianise "Federico Quercia"

Applied Science Secondary School Diploma
100/100 cum laude
2012-2017

ACHIEVEMENTS

- **Winner** of Episode 2 "Sign Language Generation" of the 2nd SciRoc Challenge (Smart City Robotics Challenge), with the team SPQR CocoNuts of the University of Rome "La Sapienza"
- **Winner** of the scholarship "Wanted the Best" from the University of Rome "La Sapienza" as one of the top 85 Master's students enrolling in

TECHNICAL SKILLS

- **Background knowledge:** calculus, linear algebra, dynamical systems, control, logic
- **Machine Learning:** Neural Networks, CNN, GAN, SVM, KNN, GMM, Decision Trees, MDP, HMM, Reinforcement Learning fundamentals
- **Robotics:** direct and inverse kinematics, differential kinematics, redundancy, dynamics, control, Kalman Filters, SLAM
- **Programming languages:** C, C++, MATLAB, Octave, Python, Prolog, ROS (entry-level)
- **Python packages:** TensorFlow, PyTorch, Scikit-learn, Numpy, OpenCV, MediaPipe and many more
- **Others:** Office Suite, Computer Graphics, SQL and DBMS

SOFT SKILLS

- Great **adaptability** and **flexibility** to any scenario
- Experience in **teamwork**, both as leader and member
- **Self-confidence**
- **Problem-solving**
- High **communication** skills
- **Attention** to details
- Working hard **smart**