GABRIEL TAORMINA

Computer engineer

PERSONAL PROFILE

Born 27/12/1999 in Verona, passionate about technology, research and software development. I am particularly interested in artificial intelligence and how it can be used to make life better

LANGUAGES

• Italian: native language
• English: B2 level
• Spanish: good knowledge

CONTACTS

Email: gabriel.taormina@protonmail.com
LinkedIn: profile
Website: My personal page
GitHub: profile
Address: Castello 4792, Venice, VE, IT

EDUCATION

University of Padua

MASTER'S DEGREE IN COMPUTER ENGINEERING - ARTIFICIAL INTELLIGENCE AND ROBOTICS
2022-ongoing

• Laboratories and projects in Intelligent Robotics: ROS software development
• Laboratories and projects in Computer Vision: OpenCV & Open3D
• Laboratories and project in Natural Language Processing
• The degree course is held entirely in english, in an international context

University of Padua

BACHELOR'S DEGREE IN COMPUTER ENGINEERING
2019-2022

• In-depth study of programming languages, data and algorithms
• Activities related to mobile and web application development
• Electronics laboratories

Liceo Scientifico Benedetti-Tommaseo Venezia

2019-2022

PROFESSIONAL EXPERIENCE

Freelance developer
2022-ongoing

• Help software development for individuals and associations

Research internship
2024-2025

• Research internship at DEI laboratories of the University of Padua and Flexsight company related to 3D Reconstruction and Novel View Synthesis regarding Gaussian Splatting (3DGS & 2DGS)

Private lesson
2020-ongoing

• Lessons in computer science and programming
• Math and physics tutoring
• Lectures on computer use to people of advanced age

SKILLS

• Knowledge of major programming languages, particularly C++, Python, Java
• Techniques related to computer vision and the main libraries associated: as OpenCV, Open3D
• Programming of industrial and autonomous robots, development using ROS, MoveIt and associated libraries
• Theoretical and practical knowledge of machine learning techniques, deep learning and main libraries used as PyTorch, Scikitlearn, Numpy, Pandas
• Theoretical and practical knowledge related to natural language processing, software development using LLMs and use of major associated libraries as LangChain, huggingFace, transformers
• Mastery of major operating systems: Linux, Window, macOS