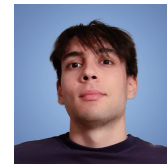


Valerio Morelli

+39 3318162818 ✉ valeriomorelli50@gmail.com
🌐 <https://www.linkedin.com/in/valerio-morelli-96742296/>
🌐 <https://github.com/MrPio>
🌐 Via Santa Maria Goretti 11, San Benedetto del Tronto, AP, 63074, Italy



Employment History

Summer 2021 📌 **Cook's assistant**, Chalet Camiscioni, San Benedetto del Tronto.

Education

September 2023 – Ongoing 📌 **M.Sc. Computer and Automation Engineering**
Università Politecnica delle Marche. GPA: 30L/30

September 2020 – October 2023 📌 **B.Sc. Computer and Automation Engineering**
Università Politecnica delle Marche.
Grade: **110 cum Laude and with Distinction**, GPA: 29.52/30

Research Publications

Journal Articles

1 A. Cacciatore, V. Morelli, F. Paganica, E. Frontoni, L. Migliorelli, and D. Berardini, "A preliminary study on continual learning in computer vision using kolmogorov-arnold networks," 2024. arXiv: 2409.13550 [cs.CV]. 🌐 URL: <https://arxiv.org/abs/2409.13550>.

Skills

Languages 📌 Native language Italian.
Reading, writing and speaking competencies for English.

Coding 📌 Python, C++, C#, Java, Kotlin, TypeScript, Dart, Prolog, SQL, L^AT_EX

Frameworks and Tools 📌 Git, Docker, PyTorch, Unity, Flutter, .NET MAUI, Android Studio, Laravel, Qt, Photoshop, Blender, PowerBi, NodeJS.

Miscellaneous Experience

Awards and Achievements

2024 📌 **Slope Award - 'Validity of the technical solutions adopted'**, Hack-AI-thon UnivPM 2024

Projects

2024 🌐 **Continual learning in KANs**, Tests demonstrating the Kolmogorov-Arnold neural network's ability to resist catastrophic forgetting.

🌐 **DnD 5E**, A Flutter mobile app for the Dungeon and Dragons roleplaying game.

🌐 **Antiyomacy**, A Prolog implementation of a strategy game and an AI that can play it using the Minimax algorithm.

🌐 **UK Traffic Accidents Analysis**, Analysis using business intelligence software of road traffic accidents in the UK between 2005 and 2017.

2023 🌐 **Museo Omero App**, A MAUI multi-platform management software for a museum's staff and customers. This was the result of my bachelor's thesis.

October 26, 2024

Valerio Morelli