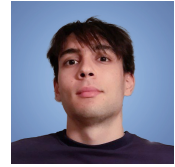


Valerio Morelli

+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



Education

- September 2023 – Ongoing 📖 **M.Sc. Computer and Automation Engineering**
Università Politecnica delle Marche.
- September 2020 – October 2023 📖 **B.Sc. Computer and Automation Engineering**
Università Politecnica delle Marche.
Grade: **110 cum Laude with Distinction**

Skills

- Languages 📖 Native language Italian.
Reading, writing and speaking competencies for English.
- Coding 📖 Python, C#, Java, Kotlin, JavaScript, Dart, Prolog, SQL, \LaTeX
- Databases 📖 MySQL, Firebase Realtime, Firebase Firestore.
- Frameworks and Tools 📖 Git, Docker, PyTorch, Unity, Flutter, .NET MAUI, Android Studio, Laravel, Qt, Photoshop, Blender, PowerBi.

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.
- 2024 🔄 **DnD 5E**, A Flutter mobile app for the Dungeon and Dragons roleplaying game.
- 2024 🔄 **Antiyomacy**, A Prolog implementation of a strategy game and an AI that can play it using the Minimax algorithm.
- 2024 🔄 **UK Traffic Accidents Analysis**, Analysis using business intelligence software of road traffic accidents in the UK between 2005 and 2017.
- 2023 🔄 **UnivPM 3D**, A collection of 3D props made with Blender.
- 2023 🔄 **Museo Omero App**, A MAUI multi-platform management software for a museum's staff and customers.
- 2023 🔄 **Coupon.io**, A complete Laravel e-commerce web server handling 4 different access levels.
- 2023 🔄 **Spotted**, A mobile app for a compact social network designed to facilitate the identification of individuals encountered within the university environment.
- 2023 🔄 **Museo Omero Database**, Design and implementation of a SQL database for the Omero State Tactile Museum.
- 2022 🔄 **MrPowerManager**, A Flutter mobile app to fully control connected PCs.