

MATTEO CARDELLINI

Via dei Giardini 12/12 ◊ 16143 ◊ Genova ◊ Italy
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EDUCATION

Italian National PhD Programme in Artificial Intelligence *November 2021 - current*

Work Faculty: Università degli Studi di Genova
Administrative Faculty: Politecnico di Torino

Università degli Studi di Genova *September 2019 - July 2021*

Master's Degree on Computer Engineering
Curriculum in Artificial Intelligence and Human-Centered Computing
Final Grade: 110/110 cum Laude and "Dignita' di Stampa"

Università degli Studi di Genova *September 2016 - September 2019*

Bachelor's degree on Computer Engineering
Final Grade: 110/110

PUBLICATIONS

- **In-Station Train Dispatching: A PDDL+ Planning Approach.** M. Cardellini, M. Maratea, M. Vallati, G. Boleto, and L. Oneto. In Proceedings of ICAPS 2021. AAAI Press, 2021
- **An Efficient Hybrid Planning Framework for In-Station Train Dispatching.** M. Cardellini, M. Maratea, M. Vallati, G. Boleto, and L. Oneto. In Proceedings of ICCS 2021. Springer, 2021
- **A Planning-based Approach for In-Station Train Dispatching.** M. Cardellini, M. Maratea, M. Vallati, G. Boleto, and L. Oneto. In Proceedings of SoCS 2021. AAAI Press, 2021
- **In-Station Train Movements Prediction: from Shallow to Deep Multi Scale Models.** G. Boleto, L. Oneto, M. Cardellini, M. Maratea, M. Vallati, R. Canepa, D. Anguita. In Proceedings of ESANN 2021. i6doc, 2021
- **A Two-Phase ASP Encoding for Solving Rehabilitation Scheduling.** M. Cardellini, P. De Nardi, C. Dodaro, G. Galatá, A. Giardini, M. Maratea and I. Porro. In Proceedings of RuleML+RR 2021. Springer, 2021
- **Answer Set Programming in Healthcare: Extended Overview.** M. Alviano, R. Bertolucci, M. Cardellini, C. Dodaro, G. Galatá, M. Kamran Khan, M. Maratea, M. Mochi, V. Morozan, I. Porro, and M. Schouten. In Proceedings of IPS-RCRA@AI*IA 2020. CEUR, 2020

WORK EXPERIENCE

SurgiQ SRL *April 2021 - November 2021*
Researcher *Genoa - IT*

- Built and optimised scheduling systems based on state-of-the-art artificial intelligence's technologies for the scheduling of physiotherapeutic sessions for the rehabilitation of patients in hospitals.

Secondhand Mobile SRL *February 2018 - April 2021*
CTO e Co-founder *Genoa - IT*

- Built a cloud based management system accessed daily by more than 140 customers all-over Italy.
- Built and published an iOS/Android App with 65k active downloads.
- Helped the company to grow to 14 employees and a yearly revenue of 5 million euros.
- Managed 4 software engineers using an Agile methodology continuously delivering improvements to the corporate code-base.