

MATTEO CARDELLINI

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EDUCATION

Università' degli Studi di Genova

2019 - July 2021 (*Expected*)

Master's Degree on Computer Engineering

Curriculum in Artificial Intelligence and Human-Centered Computing

Current GPA: 29,80/30

Università' degli Studi di Genova

2016 - 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
- **Answer Set Programming in Healthcare: Extended Overview.** M. Alviano, R. Bertolucci, M. Cardellini, C. Dodaro, G. Galata, M. Kamran Khan, M. Maratea, M. Mochi, V. Morozan, I. Porro, and M. Schouten. In Proceedings of IPS-RCRA@AI*IA 2020. CEUR, 2020

PROJECTS

- Master's Degree Thesis (*Expected*): "**Artificial Intelligence Techniques for Solving the In-Station Train Dispatching Problem**" Supervisors: Prof. M. Maratea, Dr. M. Vallati (University of Huddersfield)
- Research scholarship *Post-Laurea* on "**Induction and Deduction for Train Dispatching in Small/Medium Stations.**" at DIBRIS - Università' degli Studi di Genova (D.R. n. 1346)
- Bachelor's Degree Thesis: "**Visual and Data Analytics for the Analysis of Train Flows in the Railway Network.**" Supervisors: Prof. M. Maratea, Prof. L. Oneto

WORK EXPERIENCE

SurgiQ SRL

April 2021 - Current

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.