MATTEO CARDELLINI

P.sso Spartaco Ferradini 19/9 Dx ⋄ 16137 ⋄ Genova ⋄ Italy

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EDUCATION

Universita' 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

Universita' 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
– **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 - Universita' 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 physiotherapic 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 using Angular, NodeJS and AWS 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.