

EUROPEAN CURRICULUM VITAE FORMAT



DEGREES

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

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- Level in national classification
Exams

- Participation in seminars

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August 1, 2024

University of Genoa (Italy)

Professional Practice Exam

Industrial Engineer

AY2021/2022 – AY2023/2024

University of Genoa (Italy)

Master of Science in Management Engineering

Master of Science in Management Engineering concluded with the thesis entitled: "Integration of AI and Industry 4.0 for production optimization in SMEs" (Original Title in Italian: "Integrazione dell'AI e dell'Industry 4.0 per l'ottimizzazione della produzione nelle PMI"). Supervisors: Prof. Marco Mosca and Eng. Federico Briatore. Final Grade: 110/110

Laurea Magistrale – Voto Finale 110/110

- Business Analytics
- Control and Management Systems (Sistemi di Controllo e di Gestione)
- Economics and Management (Economia e Management)
- Financial Engineering (Ingegneria Finanziaria)
- Game Theory (Teoria dei Giochi)
- Identification and Estimation (Identificazione e Stima)
- Industrial Marketing (Marketing Industriale)
- Industrial Plants 2 (Impianti Industriali 2)
- Industrial Plants Management 2 (Gestione degli Impianti Industriali 2)
- Innovation and Project Management (Gestione dell'innovazione e dei progetti)
- Methods for Corporate Finance (Metodi per la Finanza Aziendale)
- Methods of Transport and Logistics Planning (Metodi di Pianificazione Trasporti e Logistica)
- Models and Methods for Optimization and Control (Modelli e Metodi per l'Ottimizzazione e il Controllo)
- Operations Management (Gestione delle Operations)
- Planning Strategies and Systems (Strategie e Sistemi di Pianificazione)
- Techniques for Information and Security (Tecniche per l'Informazione e la Sicurezza)
- Technology and Entrepreneurship (Tecnologia e Imprenditorialità)
- 2022: Filippo Galbiati, Seminar on the history of Internet infrastructures in Italy
- 2022: Raffaele Scoccianti, Seminar on the innovation ecosystem of Protect and Gamble
- 2022: Davide Baldini, Seminar on the role of innovation in Adecco
- 2022: Alessandro Missoni, Biopharmaceutical innovation ecosystems: a theoretical model and the case of Lombardy

AY2018/2019 – AY2020/2021

University of Genoa (Italy)

Bachelor of Science in Management Engineering

Bachelor of Science in Management Engineering concluded with the thesis entitled: "Carbon

pricing by governments and corporations for the management of climate transition” (Original Title in italian: "Il carbon pricing da parte di governi e imprese per la gestione della transizione climatica"). Supervisor: Prof. Marco Raberto. Final Grade: 97/110

- Level in national classification
- Exams

Laurea Triennale - Voto Finale 97/110

- Business Culture (Cultura d'Impresa)
- Business Management (Gestione Aziendale)
- Chemistry (Chimica)
- Data Analysis and Visualization (Analisi e Rappresentazione dei Dati)
- Economics and Business Organization (Economia e Organizzazione Aziendale)
- Electrical Communications (Comunicazioni Elettriche)
- Electrical Engineering (Elettrotecnica)
- English Language (Lingua Inglese)
- English Language 2 (Lingua Inglese 2)
- Fundamentals of Computer Science (Fondamenti di Informatica)
- Geometry (Geometria)
- Industrial Logistics (Logistica Industriale)
- Industrial Plants
- Industrial Technical Design (Disegno Tecnico Industriale)
- Information Systems (Sistemi Informativi)
- Mathematical Analysis 1 (Analisi Matematica 1)
- Mathematical Analysis 2 (Analisi Matematica 2)
- Mathematical Physics (Fisica Matematica)
- Operations research (Ricerca Operativa)
- Physics (Fisica)
- Planning and Management of Transportation Systems (Pianificazione e Gestione dei Sistemi di Trasporto)
- Planning Methods for Maritime Logistics (Metodi di Pianificazione per la Logistica Marittima)
- Project Management
- Statistics (Statistica)
- Systems Theory (Teoria dei Sistemi)
- 2018: Eugenio Moggi, Python Vs Excel
- 2019: Giancarlo Cainarca, Seminar on the Italian shoemaking district
- 2021: SPeRa Conference – voluntary work, solidarity, and enterprises in Africa
- 2021: Federico Papa, Company Presentation - Hitachi Rail
- 2021: Marco Zucca, Company Presentation - SoftJam
- 2021: Massimiliano Costacurta, Nicolò Pinna, Claire Thomas Gaggiotti, Seminar on ETL and BI tools of Rulux platform

- Participation in seminars

- Dates (from – to)

SY2013/2014 – SY2017/2018

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered

Liceo Statale "G. Bruno" Albenga (Italy)

Classical Studies

Title of qualification awarded

School Leaving taken after five years of "Liceo".

LANGUAGE SKILLS

MOTHER TONGUE

OTHER LANGUAGES

Italian

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

B2 PROVIDED BY CLAT – UNIcE ON JUNE 30TH, 2022

B2 PROVIDED BY CLAT – UNIcE ON JUNE 30TH, 2022

B2 PROVIDED BY CLAT – UNIcE ON JUNE 30TH, 2022

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

01/10/2024 – 31/12/2024
AGTech S.r.l., Via Fieschi 2/19, Genoa
Consulting
Market research consultant for the drone market
Conduct market research on the eVTOL drone market

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

10/01/2024 – 22/03/2024
Federazione Italiana Di Atletica Leggera (FIDAL), Via Flaminia Nuova 830, Rome, Italy
Education
Federal coach within the “Scuola Attiva Junior” project at “Istituto Comprensivo Savona 2 Sandro Pertini”, Via Verzellino 1°, Savona

- Basic motor skills development
- Promotion of knowledge and practice of athletics

RESEARCH OUTPUT

PUBLISHED

- Briatore, F., Braggio, M., 2024. Resilience and Sustainability plants improvement through Maintenance 4.0: IoT, Digital Twin and CPS. Presented at the 6TH IFAC international workshop on advanced maintenance engineering, services and technology (AMEST2024), maintenance and asset lifecycle management for sustainable and resilient systems.
- Braggio M., Briatore F., 2024. A Big Data analytics and Artificial Intelligence framework to enhance industrial sustainability. Presented at the XXIX SUMMER SCHOOL “Francesco Turco” – Industrial Systems Engineering.
- Braggio, M., Mosca, R., Mosca, M., 2024. The impact of new Technologies on resilience in Industrial Manufacturing. Presented at the XXIX AIDI Summer School “Francesco Turco” – Industrial Systems Engineering.
- Braggio M., Lo Russo M., 2024. A bibliometric analysis on Artificial Intelligence in the energy forecasting. Presented at the 4TH International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME'24).
- Mosca, M., Mosca, R., Braggio, M., 2024. Big Data and AI for Smart Maintenance: Literature review on the impact on plants Resilience. Presented at the 6TH International Conference on Industry 4.0 and Smart Manufacturing (ISM2024).
- Briatore, F., Braggio, M., 2024. Edge, Fog and Cloud Computing framework for flexible production. 6TH International Conference on Industry 4.0 and Smart Manufacturing (ISM2024).

UNDER REVIEW

- Briatore, F., Braggio, M., 2024. Transformation of Undifferentiated Urban Solid Waste (USW) into Secondary Solid Fuel (SSF) for Environmental Sustainability. Presented at the 11TH International Conference on Sustainable Solid Waste Management. [*Environmental Science and Pollution Research*]
- Mosca, M., Mosca, R., Braggio, M., 2024. An innovative Methodology to Convert CO2 into Methanol, to Increase Sustainability of Clinker Production. Presented at the 11TH International Conference on Sustainable Solid Waste Management. [*Waste and Biomass Valorization*]
- Briatore, F., Mosca, M., Mosca, R., Braggio, M., 2024. A Bibliometric Analysis on Artificial Intelligence in the Production Process of Small and Medium Enterprises [*Journal of Manufacturing Technology Management*]

Participation in conferences

- 19-22 June 2024, Rhodes, Greece, 11TH International Conference on Sustainable Solid Waste Management.
- 04-06 November 2024, Maldives, 4TH International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME'24) [Online]
- 20-22 November 2024, Prague Czech Republic, 6TH International Conference on Industry 4.0 and Smart Manufacturing (ISM2024) [Online]

LEADERSHIP EXPERIENCE

- Dates (from – to)
- Title of qualification
- Principal subjects/occupational skills covered

- Participation in seminars

May 2024 – Now

Member of the FIDAL Youth Council within the European Athletics' Future Leaders Project

- Working in a coordinated and cohesive manner with the Youth Team of European Athletics on joint projects
- To be the reference body for youth athletics in order to listen to the requests and issues submitted by the regional and provincial committees
- Coordination of regional representatives
- Helping FIDAL solve various athletics-related issues by observing and discussing them from the perspective of young people
- 14/01/2025 – 22/01/2025: EA Leadership Course 2025, organized by European Athletics and led by Katrin Heyers, and Robin Schrödter
- 22/10/2024 - 12/11/2024: IOC 4-Week Learning Sprint. Topics covered:
 - IOC Young Leaders as AMBASSADORS of Olympism365
 - IOC Young Leaders as COMMUNITY MEMBERS – part of purpose-led Olympic partnerships
 - IOC Young Leaders as DESIGNERS of value-based projects
 - IOC Young Leaders as SOCIAL ENTREPRENEURS
- 08/06/2024 - 12/06/2024: IX edition of the Future Leaders Forum, at the Parco del Foro Italico in Rome:
 - Dobromir Karamarinov, Opening of the forum
 - Lord Sebastian Coe, The Future of Athletics
 - Karin Grute Movin, Necessity of a Future Leaders Forum
 - Katrin Heyers, Robin Schrödter, Who am I as a leader?
 - Lea Sprunger, Esther Akihary, Leadership in Athletics
 - Marko Vasic, Alessio Punzi, Sasho Belovski, Innovation in the running business
 - Donna Fraser OBE, Carlo Giardinetti, Elsa Arapi, Diversity in sports
 - Jakob Larsen, Alessio Gorla, Nicolas Launois, Technology and Innovation in Athletics
 - Scott Grace, Health and wellbeing
 - Luigi Onorato, Fan Engagement
 - Mathilde Grenet, Safeguarding in Sports
 - Christian Milz, Closing of the forum and MF open session

Jan. 2024 – Now

Member of the athletes commission of FIDAL Liguria

- Advisory role for the improvement of the athletics system in the Liguria region
- Social Media management of the FIDAL Liguria channels
- Organization of webinars and meetings

May 2019 – Now

FIDAL Instructor

Jan. 2017 – Now

Official FICr Timekeeper

Provision of timing services and athlete data management during competitions

2016 – 2017

Provincial FIDAL Judge

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TECHNICAL SKILLS
AND COMPETENCES

Process mapping

- Bizagi

CAD

- MicroStation

Programming Language

- MATLAB
- Python
- RStudio

Office Management software

- MS Office Suite (MS Word, MS Excel, MS Powerpoint)
- OpenOffice and Similar

Optimization software, project management software, simulator and other

- @RISK
- Extendsim (hint)
- FlexSim (hint)
- GeoGebra
- Lingo
- Plant Simulation
- Simul8 (hint)
- Vissim (hint)
- Visum (hint)

Screencasting and streaming app

- OBS Studio

Reference management and bibliometrics software

- VOSviewer
- Zotero

DRIVING LICENCE(S)

B

SOCIAL SKILLS
AND COMPETENCES

2012: Swedish relay U14 regional Record
 2015: Selected to compete in U16 cross-country national criterium
 2015: Selected to compete in U16 outdoor track and field national criterium
 2017: 2 Km racewalk senior regional Record
 2017: 3 Km racewalk U18 regional Record
 2017: 2 miles racewalk Senior regional Record
 2018: 3 Km racewalk U23 regional Record
 2019: 15 Km road racewalk U23 regional Record
 2019: 20 Km road racewalk U20 regional Record
 2020: 10 Km road racewalk Senior regional Record
 2020: 2 Km racewalk Senior regional Record
 2022: 20 Km road racewalk Senior regional Record
 2022: 10 Km racewalk U23 regional Record
 2022: 20 KM road racewalk bronze medal at U23 national championship
 2023: 5 Km racewalk Senior regional Record
 2016 - 2022: achieved the Entry Standards of youth national championship
 2019 – NOW: achieved the Entry Standards of senior national championship