

CURRICULUM VITAE

Personal information

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Nationality	Italian
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Date of birth	27/03/1997
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Education and training

• Date (from – to)	01/02/2022 – up to present
• Name and type of organisation providing education and training	Politecnico di Milano (DIG)
Duration of the program of study	3 years
• Title of qualification awarded	PhD programme in Management Engineering – full time
• Title of scholarship	Sustainability and green issues in Private Equity and Venture Capital
• Research group	www.efi.polimi.it

• Date (from – to)	14/10/2019 – 19/10/2021
• Name and type of organisation providing education and training	Politecnico di Torino
• Duration of the program of study	2 years
• Principal subjects/occupational skills covered	Manage innovation in products and services by combining their engineering and management skills: from the analysis of a market structure in economic and legal terms to the management of new product development projects, from business strategy to organizational design, from management of production systems to quality management
• Title of qualification awarded	Master's Degree in Engineering and Management (path Finance)
• Final mark obtained	110/110 cum laude (WAM 29.0/30)

• Date (from – to)	06/08/2016 – 09/10/2019
• Name and type of organisation providing education and training	Politecnico di Torino
• Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Intersection of engineering, the life sciences and healthcare: principles from applied sciences (including mechanical, electrical, chemical, and computer engineering) and physical sciences (including physics, chemistry, and mathematics). Industrial engineering and ICT
• Title of qualification awarded	Bachelor's Degree in Biomedical Engineering
• Final mark obtained	102/110

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• Date (from – to)	2011 – 2016
• Name and type of organisation providing education and training	Liceo scientifico Galileo Ferraris di Torino
• Duration of the program of study	5 years
• Title of qualification awarded	High school diploma
• Final mark obtained	81/100

Master's Degree Thesis

Title	Impact of digitization in the health sector: predictive classification models of missed appointments
Supervisor	Prof. Cambini Carlo
Thesis Summary	The booking tools allow the health facilities to organize themselves at their best, however when the booking is not followed by the provision of the service, there may be considerable economic impacts and, inevitably, waiting lists are lengthened. The document starts from a direct experience in a healthcare company to try to investigate the problem and solve it. The goal is to calculate the reliability of each individual booking, assigning a score to each, and then succeed in creating a functional overbooking model. The database covers almost 20,000 bookings at the diagnostic facilities of the Società e salute Spa, better known as Santagostino. The analysis helps to corroborate the difficulties encountered in the literature in creating a generalized model, trying to explain the reasons and consequences. Finally, it focuses on how Big Data and AI contribute to solving this problem and/or buffering its effects.

Work experience, stages, studies abroad

• Date (from – to)	Jul 2021 – Jan 2022
• Name and address of firm/university	Politecnico di Torino, corso Duca degli Abruzzi, 24 - 10129 Torino (TO)
• Type of business or sector	Research
• Type of employment	Scholarship for training to conduct research activities
• Main activities and responsibilities	Analysis of the investment profile of venture capital operators: data collection and analysis responses of the COVID-19 impact survey on investment strategies

• Date (from – to)	Mar 2021 – Jul 2021
• Name and address of firm/university	Società e salute Spa, via Temperanza, 6 – 20127 Milano (MI)
• Type of business or sector	Healthcare
• Type of employment	Business analyst
• Main activities and responsibilities	Diagnostic process analysis, KPI identification, process optimization, database processing to produce strategic and operational reports. Particular attention was paid to the opportunities that AI offers to processes and their impact

• Date (from – to)	Mar 2017 – Mar 2021
• Name and address of firm/university	MEDICE' Srl, corso Principe Oddone, 30 – 10152 Torino (TO)
• Type of business or sector	Healthcare
• Type of employment	Owner – commercial area manager
• Main activities and responsibilities	Design of the health center (the company ran a private clinic, a dental center, and a beauty center), management of relations with the ASL and compliance control of infrastructure and medical devices. Creation and management of the advertising campaigns and the pricing of the supplied services

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• Date (from – to)	Mar 2020 – Jun 2020
• Name and address of firm/university	Politecnico di Torino, corso Duca degli Abruzzi, 24 - 10129 Torino (TO)
• Type of business or sector	Education
• Type of employment	Scholarship for assistant professor
• Main activities and responsibilities	Assist students in carrying out technical reports on the purchase of different categories of biomedical machinery

• Date (from – to)	Mar 2019 – Jun 2019
• Name and address of firm/university	Pro infantia Spa SU, corso Galileo Ferraris, 247/255 - 10134 Torino (TO)
• Type of business or sector	Healthcare
• Type of employment	Clinical engineering
• Main activities and responsibilities	Introduction of a new software for the management of electromedical equipment in the Koelliker hospital in Turin, and analysis of the flow of sensitive data to comply with the European GDPR Regulation

Certifications

Certifications of language knowledge	IELTS – 6.5, 27/09/2018
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Personal skills and competences

Mother tongue	Italian
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Other language(s)	English
• reading	Excellent
• writing	Good
• speaking	Good

	French
• reading	Good
• writing	Elementary
• speaking	Elementary

Social skills and competences	<ul style="list-style-type: none"> - Teamwork: acquired during basketball trainings, Math team competitions and university curricular projects, and strengthened with the student association SITPolito (Social Innovation Teams - Politecnico di Torino) - Relational effectiveness: refined during professional experience, especially with the co-management of MEDICE' S.r.l.
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Organisational skills and competences	<ul style="list-style-type: none"> - Organizational planning: acquired from training to university group work, and strengthened during thesis work - Leadership: acquired from the experiences of a coach, up to the university group projects - Technical support: acquired during the working experiences in MEDICé and reinforced by the appointment of a member of the technical committee for monitoring of extraordinary condominium works - Business/balance sheet planning: acquired during professional experience, by business analyst
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Technical skills and competences	<ul style="list-style-type: none"> - Code and databases: C, VBA, M acquired during professional experiences, especially by BA - Programs: Stata, MS Office (included Project and Access), Trello acquired at the university
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Other skills and competences	<ul style="list-style-type: none"> - Discipline: acquired during sports workouts, especially judo - Problem solving, logical-deductive reasoning, critical analysis and lateral thinking: developed from secondary studies with participation in mathematics and logic competitions and, above all, with the performance of occasional manual work as a gardener, electrician, plumber, painter, carpenter, etc.
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Additional information

• Date (from – to)	May 2021 – Dec 2021
• Activity and role	Co-founder MIH
• Type of business or sector	Healthcare
• Main activities	The start-up aims to facilitate the transmission of health data safely and under the control of the patient. The current stage is pre-start-up (concepting). Technologies used: blockchain and ML

• Date (from – to)	Mar 2020 – Jun 2021
• Activity and role	Project team member SIT-Polito
• Type of business or sector	Education
• Main activities	The team dealt with the selection of ideas with social impact presented by students; the winners were flanked in a path of setting up a business plan to be shown to potential investors