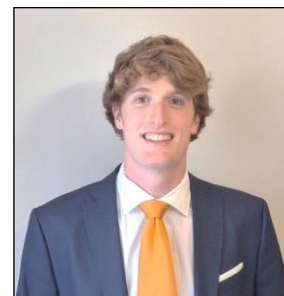


curriculum vitae



PERSONAL INFORMATION

Surname	Magnaghi
Name	Mattia
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Skype	

Nationality	Italian
Date of birth	03.04.1997

Education and training

• Feb 2022 – Present	Ph.D. Candidate
• Name and type of organisation providing education and training	Politecnico di Milano
Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Strategy, Entrepreneurship, Innovation. In today's fast-changing environment, fostered by cutting-edge digital technologies, opportunities may emerge and then disappear abruptly; to remain competitive, companies must therefore be able to grasp opportunities. However, it seems that greater structuring is needed to intercept such relevant phenomena. Especially, by looking at the business model innovation literature, the mechanisms to innovate products and services have been largely described; however, the impact of an underlying technology paradigm has been somewhat neglected in the way it is presented. In addition, this absence of clarity becomes explicit when one looks at very relevant and recent technology such as 5G connectivity, which could constitute an appropriate empirical setting to investigate how companies could innovate their business model through new enabling technology.

• Sept 2019 – Dec 2021	Master of Science in Management Engineering
• Name and type of organisation providing education and training	Politecnico di Milano
Duration of the program of study	2 years
• Principal subjects/occupational skills covered	Management/Engineering
• Title of qualification awarded	Master of Science
Final mark obtained	105/110

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• Sept 2016 – July 2019	Bachelor of Science in Management Engineering
• Name and type of organisation providing education and training	Politecnico di Milano
Duration of the program of study	3 years
• Principal subjects/occupational skills covered	Management/Engineering
• Title of qualification awarded	Bachelor of Science
Final mark obtained	95/110

• Sept 2011 – July 2016	Scientific High School
• Name and type of organisation providing education and training	Liceo Scientifico Orsoline di San Carlo, Como
Duration of the program of study	5 years
• Principal subjects/occupational skills covered	Scientific studies, English, Philosophy, Latin
• Title of qualification awarded	High School Diploma
Final mark obtained	92/100

Graduation thesis: Master of Science

Title	"The role of tools in business experimentation: a boundary object perspective"
Language	English
Supervisor	Prof. Antonio Ghezzi
Thesis Summary	<p>Even though the adoption of experimental practices could have strategic implications for companies, as described extensively in the literature, many firms test too little and too late, considering business experimentation just as a part of downstream verification instead as an opportunity of learning during the early stages.</p> <p>This attitude fundamentally concerns the need to develop an organizational culture oriented towards experimentation and collaboration. Furthermore, in aggravation of this, it is still not clear what role tools play in the experimentation process and which ones are appropriate for fostering experiments' execution. Indeed, several tools are mentioned and described by scholars, but basically, only their instrumental function is presented. Rather, what is missing is the comprehension of how selecting the proper tools is possible to lower knowledge barriers to enhance knowledge exchange among stakeholders involved.</p> <p>To reduce this gap, my research focuses on another emergent concept in literature, the notion of <i>Boundary Object</i> (Star & Griesemer, 1989) intended as an artifact which "<i>is plastic enough to adapt to local needs and constraints of the several parties employing it, yet robust enough to maintain a common identity across sites</i>" (Star & Griesemer, 1989, p.393). The purpose of the research is then to provide an in-depth analysis regarding the role of tools in business experimentation by looking for affinities with the concept of boundary object just described, which had never been approached in experimental practices before. In this regard, qualitative research based on a multiple-case study was carried out. The findings suggest how knowledge boundaries are lowered through the adoption of proper tools acting as boundary objects throughout the experimentation process, fostering knowledge transfer, translation and transformation and enabling dynamic capabilities (Teece, 2007), which are sensing, seizing, and reconfiguring.</p>

Graduation thesis: Bachelor of Science

Title	Business Game – Bachelor of Science
Language	English
Supervisor	Prof. Evila Piva
Thesis Summary	Simulation of a company's management through a business software operating in manufacturing European market. The company had the possibility to sell its products in two different markets: retail and wholesale. The aim was to manage the company and to take strategic decision for five quarters for three different products: Fabrics, Fittings and Furniture. After having acquired a good understanding of the framework we were operating in, the corporate strategy was defined basing on different models, which supported our decisions. During the game two reports reporting all the

	decisions and results were carried out.
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Certifications

Qualification to the profession	Industrial Engineering (August 2022) – 81/100
Certifications of language knowledge	TOEIC Listening and Reading Test (May 2019) – 805/990
Certifications of language knowledge	First Certificate (June 2015)

Work experience, stages, studies abroad

• Feb 2022 – Present	Junior Research Analyst
• Name and address of firm/university	<i>Osservatori Digital Innovation</i> Via Raffaele Lambruschini 4/b, 20156 Milan
• Type of business or sector	Research
• Main activities and responsibilities	Applied research for the 5G & Beyond Observatory including collaboration to produce reports and to organize events and workshops.

• Apr 2021 – Sep 2021	Erasmus Programme
• Name and address of firm/university	RWTH Aachen University, Templergraben 55, 52062 Aachen, Germany
• Type of business or sector	School of Business & Economics
• Main activities and responsibilities	<p>The topics of the courses concerned Economics and Innovation fields</p> <ul style="list-style-type: none"> - <u>Managing the innovation process</u> The course presents the various activities along the stages of the innovation process (Discovery, Realization, Nurture) on the level of an innovation project. It provides a decision structure along these stages and gives an overview of commonly applied methods in innovation management. A special emphasis is placed on evaluation methods for different stages of idea and concept screening and selection. - <u>Service design & engineering</u> The course offers a case competition which consisted in the development of a digital business model for industrial customers based on the metering of energy and material flows. My project was selected as one of the six most innovative projects and I had the chance to present my work to the jury composed by Currenta's managers and FIR RWTH Aachen. - <u>Industrial organization</u> The course introduces the tools, concepts and microeconomic theories useful to understand and analyze competitive strategies and market structures. In particular, optimal R&D strategies, strategies for implementing new technologies, markets with network effects and bilateral platforms are discussed. The event also introduces e-commerce platforms and auctions.

• Oct 2020 – Feb 2021	Student Internship
• Name and address of firm/university	Gruppo Sapio, Via Silvio Pellico 48, 20900 Monza, Italia
• Type of business or sector	Technical gases and medicinal products' sector
• Main activities and responsibilities	The improvement and the digitalization of the tank installation's process following the Lean approach

• Aug 2019 – Sep 2019	Volunteering Experience abroad
• Name and address of firm/university	OXFAM, 160 Kentish Town Rd, London NW5 2AG, UK
• Main activities and responsibilities	Charity shop Assistant

• Lug 2016 – Aug 2016	Bar waiter
• Name and address of firm/university	360 Events, Via Regina, 27, 22010 Carate Urio, Italia

Personal skills and competences

Acquired in the course of life and career but not necessarily evidenced by formal certificates and diplomas.

Mother tongue	Italian
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Other language(s)

	English
• reading	Excellent
• writing	Excellent
• speaking	Excellent

	Spanish
• reading	Elementary
• writing	Elementary
• speaking	Elementary

Social skills and competences <i>Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (e.g. Culture and sports), etc.</i>	<p>I strongly believe in teamwork. Looking at my experience, I was a rower for ten years and I had the opportunity to represent the youth Italian Team in a European Competition for two years (Libourne, 2014 – Szeged, 2015). In the first year, I was a part of Italy men's eight, a boat consisting of eight rowers and a helmsman where synchrony is a fundamental element. Only living such an experience, I learned how much it is important work in collaboration with others and share a common goal. Individually we were not as strong as we were all together. That year we won the Coupe de la Jeunesse ahead of France and Netherlands national teams, specialists of that race.</p>
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Organisational skills and competences <i>E.g. coordination and management of people, projects and budgets; at work, in voluntary work (e.g. culture and sports) and at home, etc.</i>	<p>After my Bachelor's studies, I moved to London for one month (August 2019) working as a volunteer for the OXFAM organization in a charity shop (160 Kentish Town Rd, London NW5 2AG, UK). Together with the invaluable experience of staying abroad alone for the first time in my life, working as a volunteer taught me life values that I consider important, furthermore, it was challenging working in a new environment. I worked as a shop's assistant, and I had the opportunity to develop relevant soft skills due to the continued front-end interaction with customers.</p>
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Technical skills and competences <i>With computers, specific kinds of equipment, machinery, etc.</i>	<p>During my Bachelor's and Master's degree at Politecnico di Milano, I had the chance to acquire solid technical competencies of the programs offered by Microsoft Office Suite, especially Excel. Furthermore, I have basic knowledge of SQL, PowerBi and SolidWorks.</p>
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• Autorizzo al trattamento dati ai sensi del GDPR 2016/679 del 27 aprile 2016 (Regolamento Europeo relativo alla protezione delle persone fisiche per quanto riguarda il trattamento dei dati personali).

• Autorizzo la pubblicazione del Curriculum Vitae sul sito istituzionale del Politecnico di Milano (sez. Amministrazione Trasparente) in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 (e s.m.i.)