

Giulia Valentini

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EDUCATION

Feb 23 – Present Milan, IT	Politecnico di Milano <i>Ph.D. in Management Engineering</i> Ph.D. candidate at the Department of Management, Economics, and Industrial Engineering as part of the Economic Mindset research group and of the Food Sustainability Lab of the School of Management of Politecnico di Milano. My research fields focus on developing instruments and methods for the transition to sustainable agri-food systems, from performance measurement to process redesign and sustainability assessment, studying ecosystems for circularity, resource efficiency and social inclusion (e.g., policies for food waste reduction; surplus food management, recovery and redistribution for social need). Research projects: ONFOODS, Surplus food measurement (Fondazione Banco Alimentare), Food Sustainability Observatory Supervisor: Prof. Paola Garrone
Sep 19 – Dec 21 Milan, IT	Politecnico di Milano <i>Master of Science in Food Engineering</i> Course aimed at training students to innovate and solve problems related to the food and beverage industry value chain. I am an industrial engineer with a strong know-how on the food and beverage production, on the value chain management, the assessment of the social, economic and environmental impact, as well as the regulatory policies. Final thesis: “ <i>Surplus food prevention and management: an empirical analysis of food processing companies</i> ” / Final grade: 109/110 Main courses: Principles of Food Manufacturing; Trends in Food Industry Lab; Life Cycle Assessment of Materials and Processes, Food Packaging Materials; Process and Plants of Food Industry; Quality Engineering; Logistic Management; Costs and Operations Management in Manufacturing Industry; Sustainable Energy; Food Safety and Microbiology.
Sep 16 – Sep 19 Milan, IT	Politecnico di Milano <i>Bachelor's Degree in Biomedical Engineering</i> Final thesis: “ <i>Analysis of distortion products of otoacoustic emissions (DPOEs): effects of disco music on hearing</i> ” Main courses: Mathematical Analysis, Physics, Mechanics, Thermodynamics, Chemistry, Electronics, Information Technology Systems and Management, New Sensors and Measurement Systems for engineering, Numerical Calculus.
Sep 12 – Jul 16 Fermo, IT	Liceo classico “A. Caro” <i>Diploma classico</i>
Aug 14 – Jun 15 Cincinnati, US	Amelia High School <i>American high school diploma obtained through the Ohio Graduation Test</i>

WORK EXPERIENCE

Sep 22 – Feb 23 Rome, IT	United Nations World Food Programme (WFP) <i>Internship</i> Working in the Business Innovation Unit (BIU) of the leading humanitarian organization in delivering food assistance in emergencies. In Business Innovation Unit are conducted management consulting activities for any WFP department as well as other UN entities (e.g., UN Women, FAO, UNICEF, etc.) aimed at leading innovation in sustainable food systems and change in line with strategic corporate initiatives. My role was related to providing support in strategy development, data analysis, solution design, cost management, operational coordination and project managing events. Main projects: <ol style="list-style-type: none">1. Supported roll-out of Strategic Plan Implementation2. Organization and coordination of BIU Bi-Annual Workshop in Rome HQ3. Organization and coordination of SPI closing project retreat in Rome HQ
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Jul 22 – Feb 23
Milan, IT

Smart Urban Logistic Center

Part-time junior researcher at Politecnico di Milano

Working in the Smart Urban Logistic Center of the Logistics group of the Department of Management, Economics, and Industrial Engineering. The activities of the Smart Urban Logistic Center are focused on distribution systems and delivery processes in urban areas with the main goal of finding innovative solutions in terms of logistics for achieving environmental, social and economic sustainability.

Main projects:

1. Mapping all distribution flows in the city of Milan through data collection activities (literature review, surveys, meetings, and interviews) and data analysis activities using predictive models. (Project sponsored by Assolombarda).
Report: Assolombarda & Smart Urban Logistics Center Politecnico di Milano. (2023). *La logistica per l'eCommerce nell'area milanese*. <https://www.assolombarda.it/servizi/mobilita-e-trasporti/documenti/la-logistica-per-le-commerce-nellarea-milanese>
2. Assessment of different distribution methods inside the city of Milan to find the most sustainable delivery solution. All transportation means were assessed from an economic and environmental point of view through simulations on dedicated software (ArcGIS). (Project sponsored by AMAT Agenzia Mobilità Ambiente e Territorio)

Jan 22 – May 22
Milan, IT

Delifrance Italia Srl

Demand planning specialist

Working in the department of Logistics & Supply Chain Management as support to the Demand Planner in identifying trends, spot variances, and leveraging external data and predictive insights to understand what is driving demand and creating more accurate demand forecasts.

Jul 21 – Dec 21
Milan, IT

Food sustainability Observatory

Undergraduate student researcher at Politecnico di Milano

Conducting research and report activities in the field of sustainable agrifood systems, focusing on some specific topics such as food circular economy and surplus food prevention and management practices along the food supply chain. The methodology applied consisted in data analysis, application of systematic literature review methodologies, drafting reports, Excel database creation, drafting surveys, carrying out interviews and preparing conference presentations.

Feb 21 – May 21
Milan, IT

Granarolo S.p.A.

Curricular internship

Support to the plant maintenance office.

ADDITIONAL SKILLS

IT SKILLS

- Programming language: C/C++, Matlab, Rstudio
- Data analysis software: Excel, Minitab
- LCA software: openLCA
- Survey administration software: Opinio

LANGUAGES

- Italian: Native language
- English: Excellent both written and spoken
- Spanish: Scholastic both written and spoken

CERTIFICATIONS

- TOEIC (Test of English for International Communication): 935/990 – 24/09/2019
- State examination to be licensed as Industrial Engineer: 88/100 – 13/01/2023

EXTRACURRICULAR ACTIVITIES

- International volunteer with the association “SOHO Sparks of Happiness” in an orphanage in Dodowa, Ghana - October 2019 (<http://www.sohonlus.com/>)
- Member of the staff of BLOC FEST event as head of the section BLOC TALK, a set of small conferences about sustainability and UN SDGs (<https://bloc-project.com/2022-2-2/>)
- Member of SOSpesa, association that operates in city markets to fight food waste and help people that experience food insecurity (<https://spesa-sospesa.web.app/>)
- Member of POLI.RADIO (official radio of Politecnico di Milano) with a podcast about sustainable food trends in the city of Milan named “La schiscetta” (<https://www.poliradio.it/podcast/62/la-schiscetta->)
- Member of the Global Forum on Food Security and Nutrition (FSN Forum), an open platform for multistakeholder dialogue facilitated by the FAO Agrifood Economics Division (ESA) ([Homepage | Global Forum on Food Security and Nutrition \(FSN Forum\) \(fao.org\)](#))
- Member of the Youth4Climate community, a global initiative, co-led by the Government of Italy and the United Nations Development Programme (UNDP) to engage young people on the path toward sustainable transition through discussions, projects and events (<https://www.youth4climate.info/>)
- Member of the scout group AGESCI for more than 10 years