DESIRED OCCUPATION	Energy Efficiency, Renewables
PROFESSIONAL EXPERIENCE	
June 2022 - Today	Istituto Nazionale Fisica Nucleare – INFN sez. Genova Via Dodecanneso 33, Genova
	<ul> <li>Data analysis for the Inner Traker (ITk) cooling system of the ATLAS experiment at CERN (Matlab), Thermal Quality Control Tests on the bare Half Rings supports of the ATLAS Inner Tracker cooling system</li> </ul>
	Cooling Field
May 2021 - April 2022	<ul> <li>University of Genova - DIME</li> <li>Via all'Opera Pia 15a, Genova</li> <li>Research activity in innovative greenhouse heating systems using microwaves – Project "Mezzi Fisici".</li> </ul>
	Study and development of a basal heating system using waste heat from a CHP generator. The system is part of a working demonstrator equipped with a microwave emitter to heat plants and to sterilize the cultivation soil. (MS Word, MS Excel, Sketchup, Openstudio, EnergyPlus)
	Energy Field
September 2023 – June 2024	<ul> <li>University of Genova - Scuola politecnica di Ingegneria e Architettura</li> <li>Via all'Opera Pia 15a, Genova</li> <li>Tutoring course in "Applied Physics" for the bachelor course in Civil Engineering held by Prof. Corrado Schenone</li> </ul>
	Didactic Activity
September 2022 – June 2023	<ul> <li>University of Genova - Scuola politecnica di Ingegneria e Architettura</li> <li>Via all'Opera Pia 15a, Genova</li> <li>Tutoring course in "Applied Physics" for the bachelor course in Civil Engineering held by Prof. Corrado Schenone</li> </ul>
	Didactic Activity
September 2021 - April 2022	University of Genova - Scuola politecnica di Ingegneria e Architettura Via all'Opera Pia 15a, Genova Tutoring course in "Applied Physics" for the bachelor course in Civil Engineering held by Prof. Corrado Schenone
	Didactic Activity
March 2020 - February 2021	<ul> <li>University di Genoa – DIME</li> <li>Via all'Opera Pia 15a, Genova</li> <li>Research activity in innovative LNG applications – European Project SIGNAL.</li> <li>Drafting of technical reports, development of dynamic models of energy recover system to exploit regasification exergy in port areas (MS Word, MS Excel, Honeywell Unisim)</li> </ul>
	Energy Field
November 2016 – December 2018	<ul> <li>Process Engineer C/O Demont s.r.l.</li> <li>Zona Industriale, Località Braia, Millesimo (Sv)</li> <li>Assistant in dimensioning of HVAC (Heating, Ventilation, Air Conditioning) systems for naval</li> </ul>

	<ul> <li>applications.</li> <li>Study, Enhancement and Normative Update of the calculation algorithms for dimensioning of HVAC systems (MS Excel).</li> <li>Draft and Check of Technical Documents for Customers and Suppliers (MS Word, MS Excel, AutoCAD).</li> </ul>				
	Energy Field				
November 2016 – November 2019	<ul> <li>PhD C/O Department of Mechanical, Energy, Management and Transportation Engineering (DIME - TEC)</li> <li>Via all'Opera Pia 15a, Genova</li> <li>Study of mathematical and numerical models for geothermic energy systems (Matlab).</li> <li>Dynamic energetic simulation of buildings (Sketch-up, Openstudio, Energy Plus).</li> <li>Energy Field</li> </ul>				
January 2016 – July 2016	Apprenticeship for Master Thesis Project Toshiba T&D Europe, via De Marinis 1, 9º piano, Genova Sampierdarena				
	<ul> <li>Dynamic energetic simulation of buildings in the framework of the European Project A2PBEER (Affordable and Adaptable Public Building through Energy Efficient Retrofitting), Case Study: San Martino Hospital – Monoblocco Pavilion (Sketch-up, Openstudio, Energy Plus)</li> <li>Collaborator for Rina Consulting (formerly D'Appolonia S.p.A.) for gathering, elaboration and organisation of data requested for the final report of the A2PBEER project. (MS Word, MS Excel)</li> </ul>				
	Energy Field				
September 2012-December 2012	<ul> <li>Formative Apprenticeship</li> <li>C/O B.S. Franco Martini – Serra Riccò - Genova</li> <li>Hydrocarbons polluted Soil Cleaning with bio-physical and mechanical techniques.</li> </ul>				
	Environmental Field				
EDUCATION AND TRAINING November 2016 – March 2020					
March 2021	Qualification to practice as Graduate Agrotechnician (100/100) Collegio Nazionale degli Agrotecnici e degli Agrotecnici Laureati Professional qualification valid in Italy and in Europe (Directive 2005/36/CE)				
September 2013 – July 2016	Master's degree in Environmental and Energy Engineering with honors (110/ 110) Università degli Studi di Genova – Campus di Savona – Via A. Magliotto 2, 17100, Savona The focus of the studies regarded Thermodynamics, Chemistry (Combustion), Flu dynamic Plants and Renewable Energies, Mass Transfer phenomena, Natural Risk Management.	EQF 7 s, Power			
September 2006- July 2013	Degree in Environmental Engineering (105/110) Scuola politecnica di Ingegneria e Architettura, via Montallegro 1, 16154, Genova The studies focused on Hydraulics and Hydraulic Structures, Waterworks and Sewage syst	EQF 6			

	dimensioning, Applied Thermodynamics, and elements of Chemistry, Physics, IT, Electrical Engineering.						
September 2001-June 2006	High School Diploma Science High School L. Lanfranconi, via ai Cantieri 7, 16158, Genova						
PERSONAL SKILLS							
Mother Tongue	Italian						
Other Languages	COMPREHENSION		SPEECHING	WRITING			
	Listening	Reading					
English	C2	C2	B2	C2			
	Bulats Certification – Cambridge English Language Assessment (obtained July 2015)						
IT Skills	teamwork and how to organize my job in a precise and scheduled activity, to respect deadlines. I possess also good capacity in problem solving, in both theoretical and practical situations. Good competence MS Windows and Digital Technologies alike. MS Word, MS Excel, MS Powerpoint. Good skills with 2D drawing (AutoCAD) and 3D design (Sketchup - CREO). Good skills with Energy Plus and Openstudio (building dynamic energy simulation tools). Good skills with Honeywell UNISIM. In possess of the European Computer Driving License (ECDL). Matlab and Simulink.						
Other Skills	I possess good handcraftsmanship due to my experience as construction worker (2013-2016)						
Driving Licence	B & A1 (with own car	)					
FURTHER INFORMATION							
Personal Interests	Crossfit, Martial Arts, Books, TV series, Movies.						
Privacy Agreement	In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance with art. 7 of the above-mentioned decree.						