



Mattia Calabrese

Date of birth: 28/11/1999 | **Nationality:** Italian | **Phone number:** (+39) 3341742738 (Mobile) | **Email address:** calabresemattia1999@gmail.com | **Address:** Via Campagna, 8, 50062, Dicomano, Italy (Home)

WORK EXPERIENCE

05/02/2024 – CURRENT Florence, Italy

POST-GRADUATE RESEARCHER UNIVERSITÀ DEGLI STUDI DI FIRENZE

Research on renewable energy communities and green hydrogen in multi-energy systems.
Development of Multi Energy System Simulator (MESS) software.

EDUCATION AND TRAINING

01/09/2021 – 27/11/2023 Florence, Italy

MASTER DEGREE IN ENERGY ENGINEERING Università degli Studi di Firenze

Final grade Cum Laude |

Thesis Simulation of a Renewable Energy Community: Case Study and Development of a Statistical Analysis Method

01/09/2018 – 12/07/2021 Florence, Italy

BACHELOR DEGREE IN MECHANICAL ENGINEERING Università degli Studi di Firenze

Final grade Cum Laude |

Thesis Literature overview of the development of Pressure Gain Combustion with a focus on cooling issues

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Digital Skills

- Microsoft Office
- Python
- Matlab
- EES
- Namirial
- Ansys
- Solidworks (CAD)
- Hyperworks (FEM)

Soft Skills

- Problem Solving
 - Teamwork
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