



# Alessio Venturi

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## EDUCATION AND TRAINING

01/11/2023 – CURRENT Florence, Italy

**PHD, INDUSTRIAL ENGINEERING** Department of Industrial Engineering - Università degli Studi di Firenze

**Field of study** Wind energy, Numerical simulation, Turbomachinery

01/03/2021 – 06/10/2023 Florence, Italy

**MASTER'S DEGREE IN ENERGY ENGINEERING** Università degli Studi di Firenze

**Field of study** Renewable energy systems | **Final grade** 108/110 |

**Thesis** On the use of the Lattice- Boltzmann method for the characterization of the aerodynamic performance of airfoils at high angles of attack

26/09/2017 – 21/02/2021 Florence, Italy

**BACHERLOR'S DEGREE IN MECHANICAL ENGINEERING** Università degli Studi di Firenze

**Final grade** 107/110 | **Thesis** Design and simulation of a tridimensional layout for an ultrasonic anemometer

## LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	B2	B2	B2	B2

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

## DIGITAL SKILLS

### Programming languages

Python | C | C++

### Microsoft Office

Word | Excel | Powerpoint

### Operating systems

Linux (Terminal Commands, Bash/Shell) | Microsof Windows

### CAD software

Solidworks | Inventor | AutoCAD

### Numerical simulation

OPENFOAM | Ansys-CFX | XFOIL