

PERSONAL INFORMATION

Marcello Palagi

PERSONAL STATEMENT

Graduate in Mechanical Engineering with 104/110 at University of Pisa. Currently, thesist and scholarship holder at Percro Lab (Laboratory of Perceptual Robotics), Mechanical Intelligence Institute of Scuola Superiore Sant'Anna.

EDUCATION AND TRAINING

09/2019–Present

Master's degree in Mechanical Engineering

Università di Pisa, Pisa (Italy)

Validated Exams:

- *Innovative Production processes;*
- *Fundamentals of Electronics;*
- *Fluid-operated Machine Design;*
- *Applied Thermofluid-dynamics;*
- *Supports and lubrication devices Design;*
- *Transducers mechanics;*
- *Numerical Calculation;*
- *Machines Design;*
- *Mechanical Metallurgy;*
- *Computer aided design;*
- *Aerodynamics vehicles;*
- *Mechanical behavior of materials;*
- *Robot mechanics;*

09/2015–02/2019

Bachelor's degree in Mechanical Engineering

Università di Pisa, Pisa (Italy)

- *final mark: 104/110*

- *thesis in Technical Physics:* "Study of a De Laval nozzle using CFD software and comparison with the ideal theoretical model" based on Heat Transfer, Balance Equations and CFD simulation software.

Best Exams:

- General Physics 1;
- Technique of Mechanical Constructions (Science of Constructions);
- Analytical Mechanics;
- Industrial Technical Drawing;

- Applied Mechanics in Machine Design;
- Fundamentals of Machine Components Design;
- Fundamentals of Automatic Controls.

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills - good communication skills gained during my 3 certificated years of theatrical studies and by projects during my university studies

Organisational / managerial skills - ability of working in a team gained during my studies which often involved group projects

Job-related skills - knowledge of Engineering program: Matlab, SolidWorks, Creo Parametric, Ansys (APDL, Workbench Static Structural, Workbench Fluid Flow Fluent), Mathcad, Refprop.
 - good knowledge of the Office Package (Word, Excel, PowerPoint);
 -good knowledge of Latex.

Extra skills -high ability in freehand drawing and very creative;
 -theatrical acting;

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Independent user

Digital skills - Self-assessment grid

ADDITIONAL INFORMATION

Treatment of personal data I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".