

PERSONAL INFORMATION

Antonella Castellano



📍 University of Palermo, Palermo (Italy)  
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Date of birth 20/05/1996 | Nationality Italian

EDUCATION

- Nov 2020 – present **PhD in Mechanical, manufacturing, management and aerospace innovation**  
 University of Palermo – Dept. of Engineering  
**Research project:** Functional design and analysis of power-split CVTs for hybrid electric vehicles
- 2018 – 2020 **Master of Science in Mechanical Engineering**  
 University of Palermo - 110/110 summa cum laude  
**Thesis:** “Analysis and functional design for the Cadillac CT6 hybrid electric multimode PS-CVT”  
**Erasmus+ program:** Lublin University of Technology, Poland (Sep 2019-Feb 2020)
- 2015 – 2018 **Bachelor of Science in Mechanical Engineering**  
 University of Palermo – 110/110 cum laude  
**Thesis:** Study of a novel retriever system for a regatta-skiff

WORK EXPERIENCE

- 2017 - 2018 **Part-time administrative assistant**  
 University of Palermo (Italy), Dept. of Engineering  
 300 hours - selection based on academic merits

PERSONAL SKILLS

Native language Italian

Foreign language(s)

ENGLISH				
UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	B2	B2
First Certificate in English – Pass at Grade A (C1)				

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

- Digital skills
- **MATLAB:** academic knowledge improved by self-paced courses
  - **Ansys:** basic command for Finite Element Analysis
  - good command of 2D/3D CAD software tools (**Catia, AutoCAD, Solidworks**)

- Additional skills
- **problem-solving, rapid and continuative learning**, self-direction and teamwork
  - strong **adaptability** in multicultural contexts acquired while travelling abroad
  - effective oral and written **communication skills**