

# Curriculum Vitae

## Francesco Pizzolante

### MECHANICAL ENGINEER

#### PROFILE

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A highly motivated person who has a strong desire to excel in everything he does.  
I am able to bring organized approach to any role and, on a more personal view, I am able to maintain excellent working relationships inside the working environment.  
I am a hard-worker who enjoys working!

#### EDUCATION

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2019 - 2022 (on going)	<b><u>PhD Mechanical Engineering</u></b> <i>Development of analytical-numerical methods for dynamic analysis of complex mechanical systems</i>
2017 - 2018	<b><u>Double Master's Degree in Mechanical Physical Engineering: Materials and Advanced Structure</u></b> <i>Aix-Marseille Université, France</i>
2016 - 2018	<b><u>Master's Degree in Mechanical Engineering</u></b> <i>Università degli Studi di Ferrara, Italy</i>
2012 - 2016	<b><u>Bachelor in Mechanical Engineering</u></b> <i>Università degli Studi di Ferrara, Italy</i>
2014	<b><u>Erasmus Mechanical Engineering</u></b> <i>Universidad de Cadiz, Spain</i>
2006–2011	<b><u>Graduation in Scientific High School</u></b> <i>Liceo scientifico Leonardo Da Vinci, Vallo della Lucania, Italy</i>

#### PROFESSIONAL EXPERIENCE

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March - October 2019	<b><u>Research Assistant at Università degli Studi di Ferrara, Italy</u></b> Research activity focused on tools development to model dynamic behaviour of complexes mechanicals systems.
March - September 2018	<b><u>Intern at C.E.S Composite Expertise and Solutions, France</u></b> Internship program: Design, of a Cubesat 3U structure

#### PRACTICAL EXPERIENCE

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January-March 2018	<b><u>University of Mechanical Engineering Aix-Marseille, France</u></b> in collaboration with <b><u>Thales Alenia Space (TAS)</u></b> Design and manufacturing of a spatial Dobson Telescope Support mirror
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November 2017

**University of Mechanical Engineering Aix-Marseille, France**

Design of a landing gear for a drone

June 2016

**Università degli Studi di Ferrara, Italy**

Design, manufacturing and testing of a CFRP beam.

**Skills acquired:**

- Stress control; Organizational skill and good management of available resources.
- Fast-decision-making skill.
- Good relational skills gained with the team.
- Ability to work under intense strict deadlines.

**OTHER EXPERIENCE**

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2016

**Tutor at "Formando Percorsi" (Forming Paths):**

*Ferrara, Italy*

I have worked for this company (Formando Percorsi) like a teacher/tutor for High school students and Bachelor University students helping them with Math, Physics, Chemistry, Mechanics of Machines, Mechanics of Material, Construction Science.

2016

**Attendance of GLOBAL CITIZEN project:**

*Culiacan, Sinaloa, Mexico*

Volunteer experience of 6 weeks in the city of Culiacan, Mexico. This city is actually the center of the drug traffic into South America. I was there to work in an orphanage helping children who live in strong and hard reality. I worked in an international team and this gave me the possibility to improve my English and Spanish.

**Skills acquired:**

- Non Verbal communication skills: being a good communicator means transcending written and verbal communication.
- Good relational skills gained with the team
- Relationship building skills
- Creativity thinking skills, to think "outside the box" can help departments and organizations to move in more productive directions.

**Additional skills**

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**Languages:**

- **Italian** (mother-tongue)
- **English (B2+ IELTS Certification)**  
(C1 Private School Certification)
- **Spanish** (fluent)
- **French** (fluent)

**Frequent user of:**

- Matlab®;
- Python®;
- AMEsim®;
- Abaqus®;
- CatiaV5®;
- System Tool Kit (STK) ®;

**Hobbies**

- Motor Sport
- Apnea and Spearfishing
- Ski, Snowboard, water ski, surf, windsurf, kite-surf, longboard
- Playing guitar, ukulele, bass, drums and piano

**References**

Available upon request.