

Curriculum Vitae

Francesco Pizzolante

MECHANICAL ENGINEER

PROFILE

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

PROFESSIONAL EXPERIENCE

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

PRACTICAL EXPERIENCE

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| January-March 2018 | <u>University of Mechanical Engineering Aix-Marseille, France</u>
in collaboration with <u>Thales Alenia Space (TAS)</u>
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

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

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.