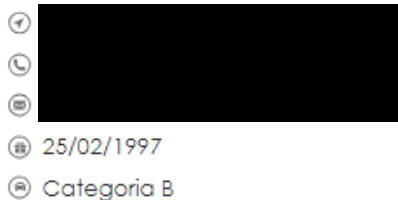


VALENTINA PAVANATI



Professional profile

Recent graduate in biomedical engineering with specialization in biomechanics and biomaterials. I present solid theoretical foundation and analytical and problem solving aptitude combined with good communication skills, teamwork, excellent work organization and attention to others. I can easily adapt to new workplace situations with flexibility and a strong sense of responsibility.

Skills and abilities

Digital skills:

- Matlab
- C, C++
- MS Office (Word, Excel, PowerPoint, Outlook)
- LINUX OS
- Virtual Machine
- Video and photo editing

Personal skills:

- Teamwork
- Workplan
- Communication
- Empathy and care

Work and professional experience

03.2022-
12.2022

Extracurricular Internship- MDApp, Milan

- Acquisition of professionalism
- Opportunity to better utilize acquired skills
- Work independence/autonomy
- Consistency with studies
- Creativity

01.2023 10-11.2023	High school substitute teacher- Liceo Emiliani, Genoa <ul style="list-style-type: none"> • Refining communication skills • Planning lessons and materials useful for learning • Designing stimulating lessons for students
10.2017-Present	Volunteer educator- AGESCI Scouts. <ul style="list-style-type: none"> • Definition of educational strategies and project objectives • Training and insights into different educational approaches • Active involvement of subjects in the socio-educational sector in the area • Motivation for socialization and enterprise during group activities • teamwork and activity planning • responsibility role
01.2016-Present	Tutor- middle and high school students <ul style="list-style-type: none"> • Preparation of students in scientific subjects for admission tests and exams • Tutoring during the performance of homework, individual and group tutoring both in presence and through computer tools • Supporting school motivation and self-confidence of students with learning difficulties
10.2012- 06.2013	Volunteer educator – Sorriso Francese community, Genoa, Italy <ul style="list-style-type: none"> • Conducting educational actions towards fragile individuals

Academic background

2016	High school graduate Diploma, Liceo Scientifico Giandomenico Cassini – Genoa
2019	Bachelor degree in biomedical engineering, Università degli studi di Genova – Genoa <ul style="list-style-type: none"> • Graduated with 101/110 • Research thesis with internship at Dipartimento di Medicina Sperimentale • Thesis title: <i>Modulation of behaviour and cortical activity induced by images with emotional content</i> • Student representative, 2016-2019
2022	Master's degree in biomedical engineering, Politecnico di Milano – Milan <ul style="list-style-type: none"> • Graduated with 110/110 • Extracurricular internship at MDApp company, Milan, Italy • Thesis title: <i>Design of a silk fibroin scaffold for tendon tissue regeneration</i> • Soft skills course related to startup design

11.2023-present	<p><i>Academic projects developed:</i></p> <ul style="list-style-type: none">• Poly(lactic-co-glycolic acid) resorbable tracheal stent• Development of a 3D scaffold for patellar ligament regeneration in GelMa-FS• Design thermostable variants of Zn-bound green fluorescent protein• Design of a bioreactor for tendon tissue regeneration <p>phD student in Bioengineering and Robotics, Università degli studi di Genova - Genova</p>
<i>Languages</i>	<p>Italian: mother tongue English: TOEIC certification, level B2</p>
<i>Hobby and interests</i>	<p>In my free time I like to enjoy sports, nature activities, manual activities and active civic and volunteer events. I enjoy editing videos and photos, reading and writing. I love play team games, especially volleyball.</p>