SIMONE DELLA SALA
CURRICULUM VITAE

Date of birth **/ 23/04/1996** Age **/ 26**
Place of birth **/ VIZZOLO PREDABISSI (MI)**
Nationality/ citizenship **/ Italy**
Via Vittorio Emanuele 71, 20060 COLTURANO (MI)
Via vittorio emanuele 71, 20060 COLTURANO (MI)
Driving licence **/ B / Car available**

ID **/ 5038166** updated on **07/11/22**

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SOFT SKILL

Autonomy **9/10**
Self confidence **10/10**
Flexibility/Adaptability **10/10**
Resistance to stress **10/10**
Ability to plan and organize **10/10**
Managing information **9/10**
Precision/Attention to details **9/10**
Learn continuously **9/10**
Achievement of objectives **10/10**
Entrepreneurial spirit and initiative **10/10**
Communication **9/10**
Problem Solving **10/10**
Team work **10/10**
Leadership **9/10**

FOREIGN LANGUAGE SKILLS   *europass*

MOTHER TONGUE(S): Italian

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ENGLISH LIMITED	A2	A2	A2	A2	A2
SPANISH LIMITED	B1	A2	A2	A1	A1

DIGITAL COMPETENCES

Self-assessment grid   *europass*
Information processing **Independent user**
Communication **Independent user**
Content creation **Independent user**
Safety **Independent user**
Problem solving **Independent user**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

Career Goal

I want to improve myself every day, facing new challenges, to better apply my knowledge in the field of seismic and civil engineering.

WORK EXPERIENCES

Structural/Seismic Engineer
EUCENTRE
(PV)
01/2022 - TODAY

Main activities and responsibilities: I work for the European Centre for Training and Research in Engineering Earthquake, where:

• I designed models of bridges and roofs that have to be tested on a vibrating table, this is the way to get simplified and faster solutions, as the detailed design helped suppliers to provide the most suitable materials and operators to assemble the various structures. on the system to be tested.

• I have created Matlab codes for the reduction of test data on isolation and damping devices, as they can be easily used to facilitate the drafting of reports as the data has been pre-processed and inserted in the appropriate comparison graphs.

• Currently I perform FEM analysis on structures commissioned by a customer.
Acquired skills and achieved objectives: Planning, Design, Problem-solving, Engineering Earthquake, Team Working, Researcher, Resilience, and Adaptability.
Working as: employee collaborator

Surveyor
POLICLINICO SAN DONATO MILANO
Healthcare
(MI)
01/2016 - 03/2016

Main activities and responsibilities: I worked for the technical department within the hospital as a construction technician.
I was supported by the surveyor in charge of the works on the construction sites inside the hospital, always with an impeccable organization of work and advance planning of activities in order to guarantee constant compliance with quality, time, and budget requirements.

Constant use of AutoCAD and Excel.

• the result of my internship for my team was to have project drawings made by me with spreadsheets which helped develop the project and secure the vision on site.

• The result of my internship was for me to interface for the first time in the world of work, it is to notice my propensity to work in a team to solve the problems that potentially arise in every project.
Acquired skills and achieved objectives: Active learning, Team Working, Problem-solving, and Analytical skills.
Employed as: intern/trainee - internship

ACADEMIC STUDIES

MASTER'S DEGREE
2019 - 2021
CERTIFIED TITLE

Università degli Studi di PAVIA
Dipartimento di Ingegneria Civile e Architettura
Ingegneria civile
specific field of the degree course: strutturistico
LM-23 - 2nd level degree in Civil engineering

Dissertation/thesis title: Vibrations in a continuous system | Thesis supervisor: AURICCHIO FERDINANDO

Age at graduation: 25 | Official duration: 2 years
Final degree mark: **110/110**
Graduation date: 20/12/2021

BACHELOR'S DEGREE
2016 - 2019
CERTIFIED TITLE

Università degli Studi di PAVIA
Dipartimento di Ingegneria Civile e Architettura
Ingegneria civile e ambientale
specific field of the degree course: ingegneria civile
L-7 - 1st level degree in Civil and environmental engineering

Dissertation/thesis title: Geoid height management for civil engineering design | Thesis supervisor: FRANZINI MARICA

Age at graduation: 23 | Official duration: 3 years
Final degree mark: **90/110**
Graduation date: 23/10/2019

INFORMATION TECHNOLOGY SKILLS

BASIC DIGITAL COMPETENCE

Operating systems **Good**
Word processing **Good**
Electronic spreadsheet **Fair**
CAD skills **Excellent**
Internet skills **Excellent**
Web-site creation **Fair**
Multimedia **Good**

PROGRAMMING LANGUAGES KNOWN

Matlab

ADDITIONAL INFORMATION

Other Certifications:

• Revit certification
• Autocad certification
• Allplan certification
• Cinema4D certification
• Thermo certification
• ESEM certification Site organization
• ESEM certification Safety on site
• Matlab courses certification
• Certificate of virtual modeling and 3D printing
• Certificate of Young Enterprises

Security certificates:

• First level safety certificate.
• Certificate of participation in the course of pediatric unblocking maneuvers according to the ILCOR 2015 international guidelines

Other programs used:

• Abaqus \ Cae
• Matlab
• ftool
• Wolframe
• VcaSlu
• Sap2000
• SeismoStruct
• Spretti Win

- Microsoft programs
- MIDAS GEN