



Silvia Bertoli

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● WORK EXPERIENCE

2010 – CURRENT

TUTOR

- Give support for homework and individual studies for Math, English, Italian, Physics, Earth Science

01/10/2020 – CURRENT – PADOVA, Italy

PHD STUDENT – CISAS

Remote sensing analysis and mapping of planetary surface

24/11/2019 – 30/09/2020

PROMOTER – ALPHAOMEGA

- relations with public
- promotion of the products
- shop assistant

Padova, Italy

12/2018 – 01/2019

SHOP ASSISTANT – Leri Perfumery

La Spezia, Italy

10/2018 – 01/2019

STUDENT TRAINEE – Dott. Geol. Andrea Pacifici

- Experience on remote sensing field and on the technique of Geographic Information System, both on the terrestrial field and on the planetary field, focusing on Mars and ExoMars2020 mission (ESA and Roscosmos).

- Learning how to make a geology relation for technical advice

Lucca, Italy

01/2018 – 02/2018

OCCASIONAL COLLABORATOR – IRSPS

Collaboration for detection and mapping of rocks for the rock abundance analysis on one of the areas selected as landing site for ExoMars 2020, Marwth Vallis.

La Spezia, Italy

11/2016 – 01/2017

OCCASIONAL COLLABORATOR – IRSPS

Collaboration for detection and mapping of rocks, for rock abundance analysis on one of the areas selected as landing site of Exomars2020, Oxia Planum.



07/2016 – 08/2016

STUDENT TRAINEE – Dott. Geol. Andrea Pacifici

- Use of software GIS and software for analysis of images from planetary missions, finalized to thematic cartography about portions of one of the landing site selected for ExoMars2020 mission (ESA)

- Use of the main remote sensing data from the recent martian missions, learning the concepts and technique for their interpretation.

Use of software GIS in planetary field

Lucca, Italy

● **EDUCATION AND TRAINING**

01/10/2020 – CURRENT – PAdova, Italy

PHD STUDENT – CISAS

Field(s) of study

- Planetary geology

EQF level 8

08/11/2019 – 11/09/2020 – Padova, Italy

MASTER IN GISCIENCE E SISTEMI A PILOTAGGIO REMOTO – University of Padova

GIS

ArcGIS

PostGres

PostGIS

WebGIS

ENVI

EQF level 8

2016 – 2019 – Pisa, Italy

MASTER DEGREE IN SCIENCES AND GEOLOGICAL TECHNOLOGIES – Università degli Studi di Pisa

Skills in the study and evaluation of risks associated with geological phenomena.

- Ability to identify problems and adopt appropriate strategies to solve them
- Study of tectonic, volcanic and sedimentary processes;
- Management and defense against geological, geomorphological, hydrogeological and volcanic risks;
- Closed geological-technical, geological-structural aspects of safe and sustainable land management;
- Research and sustainable exploitation of water, energy and geomaterial resources

EQF level 7

2013 – 2016 – Pisa, Italy

BACHELOR DEGREE IN GEOLOGICAL SCIENCES – Università degli Studi di Pisa

Basic skills:

- geological mapping;
- analysis of parameters related to geological and environmental risks;
- finding georesources;
- assessment and prevention of cultural heritage degradation and environmental;
- laboratory analysis and characterization of geological materials.

EQF level 6



2007 – 2012 – La Spezia, Italy

HIGH SCHOOL DIPLOMA – Liceo Classico Lorenzo Costa

EQF level 4

● **LANGUAGE SKILLS**

Mother tongue(s): ITALIAN

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Excel | Microsoft Word | Microsoft Office | Microsoft PowerPoint | Power Point | Google Drive | Google Docs | Instagram | Skype | Organizational and planning skills | Good listener and communicator | Written and Verbal skills | Reliability | Decision-making

● **CONFERENCES AND SEMINARS**

Conferences

Attendance at the "XV National Congress of Planetary Science" (Florence, 2019) with the presentation of a poster about "Geomorphological mapping of Cilaos - Gasa impact crater complex"

● **ORGANISATIONAL SKILLS**

Organisational skills

- Good organizational skills acquired during the volunteering experience at Festival della Mente.
- Good organizational and management skills under pressure acquired during my experience as shop assistant, where I had to manage experiences of public / client relations.

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

- Excellent communicative and relational skills acquired during the university course
- Excellent adaptive skills acquired during the volunteering experience at Festival della Mente
- Excellent listening skills and communication with children and adolescents acquired in the context of repetitions and private lessons
- Attitude to the contact with customers, acquired during the experience as shop assistant at Leri Perfumery
- Excellent written communication skills, acquired during the university course



● **JOB-RELATED SKILLS**

Job-related skills

- Good skills in the field of geomorphological mapping acquired during the university course and as a trainee at a freelance geologist
- Good skills in the field of cartography in a planetary context (in particular with respect to the planet Mars) acquired during the thesis.

● **OTHER SKILLS**

Other skills

Mountaineering: level base climber, skills acquired during the rock climbing course (AR1)

● **TRATTAMENTO DEI DATI PERSONALI**

Trattamento dei dati personali

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.