

Curriculum Vitae

Personal Information

First name / Surname: JESSICA ZORDAN
Date and place of Birth: 13/04/1988, Valdagno (VI), Italy
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Nationality: Italian

Personal profile

I'm a motivated person with lots of energy and enthusiasm; determined and reliable worker with a propensity to perform challenging tasks and achieve results

Education and training

➤ 17/04/2013, Padova /Grenoble **Master degree in Environmental Engineering**

Note: 110/110

Thesis work done during a six-months experience in the environmental geotechnical laboratory of LTHE, University Joseph Fourier, Grenoble, France

Thesis title: *Biomechanical behaviour of MSW: settlements-biodegradation relationship study through experiment and modelling*

Keys words: *geo-environmental engineering; predictive model; secondary settlements; creep and decomposition; biodegradable waste*

The work was presented at the Sardina Symposium 2013 and published in the International Journal of Integrated Waste Management, Science and Technology

➤ 10/2010 - 04/2013, Padova **Master in Environmental Engineering (Soil Protection Curriculum)**

Subjects of courses attended:

Environmental electrical science
Design of structures for environmental protection
Environmental acoustic
Geographical information systems
Geology and geochemistry
Littoral dynamics and coastal engineering
Pollutant dynamics
Regulation of rivers
Remediation of contaminated sites
Environmental geotechnics
Geology and geophysics
Soil protection project work
Water resources management

➤ 11/10/2010, Padova **Bachelor's degree in Environmental Engineering**

Thesis work done in the geotechnical laboratory of Padova University – IMAGE department – Italy

Thesis title: *Aspetti mineralogici nella riattivazione della resistenza in terreni coesivi - Mineralogical aspects in the reactivation of cohesive soils*

Keys words: *Bromhead ring shear apparatus, geotechnical engineering, cohesive soils, primary settlements and time dependent phenomena*

➤ 10/2007 - 10/2010, Padova **Bachelor in Environmental Engineering**

➤ 10/2007 - 11/2010, Vicenza **Scientific high school "G.G.Trissino", Valdagno (VI) - Italy**

Work experiences

- 03/2014 - now, Lausanne **PhD Assistant at LCH laboratory of EPFL**
 Marie Curie Initial Training Networks (ITN) – SEDITRANS project
 Main field of activity: *Morphological changes in reservoirs and in the vicinity of man-made structures due to the transfer of fine sediments by turbidity currents*
Laboratory experiments to assess the efficacy of mitigation measures such as flushing, sluicing and venting

- 05/2013 – 02/2014, Vicenza **Environmental engineering consulting for R&CLab** (analysis laboratory accredited and certificated Uni En Iso 9001:2000)
 Main activities and responsibilities: *Asbestos mapping, environmental parameters control, report drafting*

- During 2013, Padova **Hostess for exhibitions**
 Main activities and responsibilities: *Flyering, dealing with customers*

- 2007 - 2012, Vicenza **Help for students**
 Main activities and responsibilities: *Study aid, conduct exercises for home, preparing for exams in scientific high school students*

- Summers 2004 - 2005, Vicenza **Secretary**
 Main activities and responsibilities: *Reorder documents, reception, switchboard officer*

Personal skills and competences

- Computer skills and competences
 Microsoft and Office pack (Word, Excel, Power Point)
 Good skills on CAD computer's softwares, Hec-Ras 3.1.3, Straus 7, VCA Slu, SSAP2010
 Beginner user: Matlab and LaTeX
 Excellent ability to use Internet as a business tool

- Languages **Italian:** Mother tongue

		Understanding				Speaking				Writing	
		Listening		Reading		Spoken interaction		Spoken production			
English		B2	Upper independent user	B2	Upper independent user	B2	Upper independent user	B2	Upper independent user	B2	Advanced user
	French	B2	Upper independent user	B2	Upper independent user	B2	Upper independent user	B2	Upper independent user	B1	Independent user

- Social skills and competences Determination, ability to work in a team, flexibility and adaptability, breadth of interests, curiosity