Davide Marchegiani

Work experience

Sept. 2016 – present	Private lessons of Maths and Physics to high school and university students.

Education and training

Jun. 2017	Inscription to "Albo degli Ingegneri"
Feb. 2017 – Jun. 2017	Further research with Prof. Francesco Cioffi and Ing. Federico Conticello on the thesis subjects.
01/10/2014 - 27/01/2017	**Master's Degree in Environmental Engineering for Sunstainable Development** at "Sapienza" University of Rome. **Final mark: 110/110 cum Laude.** Average mark: 29/30. Thesis: "Models for hydrological extremes forecasting in Agro-Pontino Plain. From the atmospheric global scale to the local basin-scale."
01/10/2010 - 17/07/2014	**Bachelor's Degree in Environmental Engineering** at "Sapienza" University of Rome. **Final Mark: 109/110.** Average mark: 27/30. Thesis: "Quality control in the separation process of polyolefins from household waste".

Language skills

Mother tongue	**Italian.**
Other language	**English.** FCE, B2/C1 level. Good level in understanding, writing and speaking.

Personal skills and competences

Social skills and competences	**Ability to work in team** acquired through the group projects done at university. **Leadership ability.** I am member of the Executive Board of "A.S.D. Dama Latina" draughts club. **Good ability of adaptation.** I am accustomed with living in different conditions and meeting people of other cultures thanks to the International Draughts game. **Interested in work transfers even abroad.** I'm used to sing/speak in public. I'm a sociable, open-minded and positive person.

Organisational skills and competencies	**Strategic and creative thinking.** **Problem solving ability.** **Analytical approach to issues.** Multitasking.
Technical skills and competencies	**Data handling and analysis ability.** During my Master's Degree Thesis I had to handle and analyze big quantities of atmospheric data. **Program in different programming codes.** I have done the majority of my Master's Degree thesis in Matlab, whereas the further research has been done in Python and R codes. **Computer modeling and simulation.**
Computer skills and competencies	**ECDL basic** (4 modules - Computer essentials, Word processing, Online essentials, Spreadsheets). **Advanced knowledge of MATLAB code.** **Good knowledge of programming codes such as Python and R.** **Very good knowledge of Microsoft Office tools** (Excel, Word, Powerpoint). **Very good knowledge of Geografic Information System softwares** (QGis). **Good knowledge of hydraulic modelling tools** (Telemac-Mascaret 2D, ModelMuse). **Good knowledge of graphics editors** (Photoshop). **Basic knowledge of CAD softwares** (Autocad 2D).
Hobbies and artistic skills	**Experienced singer and piano/keyboards player.** I attended the Piano class at Italian music academy "Conservatorio di Musica" of Latina from 2002 to 2010. **Expert player of international draughts**. I participated to the European Youth Championship 2 times (Poland 2009 and Estonia 2010).
Driving licence	Category B.

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