

Federica Bertoni

Born: December 31st, 1992, Melzo (MI), Italy

Nationality: Italian

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Education

Sept. 2015 – **Danmarks Tekniske Universitet (DTU) – Kgs. Lyngby, Copenhagen, Denmark**
Jun. 2016

Exchange Program – Fall & Spring Semesters 2015/16

-Courses: Groundwater Resources, Water Pollution, Water Resources Management, Environmental Management and Ethics
-Master Thesis

Oct. 2014 – **Politecnico di Milano – Milan, Italy**
Jul. 2016

Master of Science in Environmental and Land Planning Engineering

-Final Grade: 110L/110

-Relevant Courses: Natural Resources Management, Advanced Environmental System Analysis

- Master Thesis Title: Exploring the Water-Energy Nexus in the Iberian Peninsula under Climate Change: A Deterministic Optimization Approach

Sept. 2011 – **Politecnico di Milano – Milan, Italy**
Sept. 2014

Bachelor's Degree Program in Environmental and Land Planning Engineering

-Final Grade: 110L/110

-Bachelor Thesis Title: Malaria Transmission Ecohydrologic Individual-based Model

Sept. 2009 – **Whitnall High School – Greenfield, WI, USA**
Sept. 2010

Exchange Program – Academic Year 2009-10

Sept. 2006 – **Liceo Scientifico Statale Giordano Bruno – Melzo, Milan, Italy**
Jul. 2011

-Final Grade: 100/100

Work Experiences

Nov. 2016 – **Politecnico di Milano – Milan, Italy**
Currently

*PhD Candidate – Information Technology, Systems and Control
Department of Electronics, Information and Bioengineering*

2011 – **Teaching**
Currently

Private Tutor for high school students

-Subjects: Math, Physics, English

-Abilities Developed: Problem Solving Skills

Other Qualifications

Jun. 2009 **First Certificate in English (FCE)**
-Final Score: A

Dec. 2013 **Test of English as a Foreign Language (TOEFL)**
-Final Score: 109/120

Language Skills

Italian: Mother tongue

English: Excellent Level

Spanish: Basic

Danish: Basic

Computer Skills

Word, PowerPoint, Excel: Advanced

Matlab: Advanced

ArcGIS: Advanced

FEFLOW: Good Knowledge

PHREEQC: Good Knowledge

MySQL: Basic

Personal Interests

Sports: Tennis (tournaments), Swimming, Running, Snowboarding, Windsurfing, Member of a competitive rhythmic gymnastics team for 6 years

Travelling: Visited more than 10 countries and lived for two years abroad (USA and Denmark)

Hobbies: Reading books