PERSONAL INFORMATION

Alessandro Moretti

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- Skype alessandro_moretti1993

Sex Male | Date of birth 16/12/1993 | Nationality Italian

WORK EXPERIENCE

01/11/2019–present

Ph.D student of Science of Energetic and Environmental Engineering, XXXV Cycle

University of Udine

Main Tasks:

-Studying ozonation and ultrasounds processes for wastewater disinfection;

-Analysing wastewater reclamation for agricultural reuse;

-Wastewater treatment plant modelling.

Business or sector Wastewater reclamation and reuse for agricultural purposes

05/2019–10/2019

Trainee in engineering office

Studio42, Palmanova (UD)

Main Tasks:

-Structural design;

-Structural modelling;

-Environmental authorization documents;

-Buildings thermal loss calculation;

-Design of collectors and disposal of meteoric water.

EDUCATION AND TRAINING

01/10/2016–22/03/2019

Master degree in Environmental Engineering

University of Udine, Italy

110/110

Title of the thesis: "Wastewater reuse for agricultural purposes: Grado case study".

Exams: Idrologia tecnica, Idrogeologia applicata I, Idraulica marittima e costiera, Idraulica fluviale e computazionale, Costruzioni idrauliche, Ingegneria sanitaria ambientale, Progetto di infrastrutture viarie, Complementi di geotecnica, Complementi di geologia applicata, Sicurezza e protezione civile, Sismologia applicata all'ingegneria, Stabilità dei pendii, Rilevamenti topografici per il controllo ambientale, Progetto di strutture.

10/2012–03/2016	Bachelor degree in Civil Engineering
	University of Udine, Italy
	96/110
	Title of the thesis: "Le idrovore della bassa friulana: aspetti territoriali, funzionali e architettonici".

Technologic-Scientific High school

ITI Malignani 2000, Cervignano (UD), Italy

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
University course B2 CLAV Udine and placement test CLAV Udine				
A1	A1	A1	A1	A1
Middle school				

English — row with B2 values.
French — row with A1 values.

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

ECDL

▪ Windows independent user;
▪ Independent user in Excel, Word and Power Point;
▪ Independent user in AutoCAD 2D;
▪ Independent user in ArchiCAD;
▪ Basic user in EPANET, EPA-SWMM, HEC-RAS;
▪ Independent user in GPS-X;
▪ Independent user in SAP2000 and JASP;
▪ Good user in MATLAB and basic user in C++;
▪ Independent user in MC11300.

Other skills   ▪ Qualified in the practice of the profession of Civil and Environmental Engineer (from 12/2019).

Driving licence   B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References
Citations
Courses
Certifications

- Attended a wastewater treatment plant modelling workshop (27/03/2019-28/03/2019), Cranfield University, Cranfield, United Kingdom;
- Presented a poster during IWARR congress 2019 (09/09/2019-12/09/2019), Venice, Italy.