

Massimo Fontana

Civil Project Engineer - Edison Spa
Specialisation: Structures & Energy

 28th February 1994, Italian

WORK EXPERIENCES

CIVIL PROJECT ENGINEER

Hydraulic & Civil Engineering, Edison Spa
Site evaluation, basic and advanced design, cost estimation, EPC tender process, management and coordination of engineering teams working mainly on projects in the renewable energy sector, such as wind farms, LNG terminal and storage, hydroelectric power plant and gas pipelines.
Dec 2019 - Present, Milan

FIRST AID VOLUNTEER

Italian Red Cross
Certified emergency medical technician. Fully trained first aid volunteer, both in emergency and ordinary situations.
Jan 2018 - Present, Como

EDUCATION

BUILDING ENGINEERING / ARCHITECTURE

Master of Science MSc
ABC Department, Politecnico di Milano
Oct 2013 - Apr 2019

 Grade: 110/110

ENEA - ENERGY EFFICIENCY

Summer school
ENEA headquarters, Rome, Italy
Jun 2019 - Jul 2019

ADDITIONAL COURSES AND CERTIFICATIONS

Building Engineer - Professional activity
Professional Register of Engineers, Milano - Jan 2020
Leader Certificate
Politecnico di Milano - Nov 2018 - Mar 2019
Site Manager and Security Coordinator certification
Politecnico di Milano - Nov 2018
The strange paradox of the world energy question
Poli Open Knowledge - Feb 2018 - Aug 2018

JUNIOR BUILDING ENGINEER

HPDB Engineering & Architecture srl
Executive planning of residential and industrial buildings through technical and economic evaluation techniques. Specification of all technological solutions in a building life cycle, with specific attention to facilities design, structures development and energy needs.
Sept 2018 - Nov 2019, Milan

MATERIAL TESTING

Concrete Materials and Structures Lab - POLIMI
Mix design planning and execution, concrete constructional works. Prof. M. di Prisco, ing. M. Colombo, ing. G. Zani
Feb 2018 - Apr 2019, Lecco

ALTA SCUOLA POLITECNICA (ASP)

Double degree - Master of Science MSc
Politecnico di Torino
May 2016 - Feb 2019

 Graduated with honors

MODELS FOR WATER RESOURCES MANAGEMENT

Intensive course
Delft University of Technology, Netherlands
Nov 2016,

 Final grade: 90%

INTERNATIONAL EXPERIENCE

ERASMUS PLUS EXCHANGE PROGRAMME

Technische Universität München, Germany
Oct 2016 - Mar 2017

VOLUNTEERING

Workaway International Inc, Dublin, Ireland
Sep 2014

COMPETITIONS

Active House Award
Nov 2018, activehouse, Politecnico di Milano

 2nd place

Iceland Northern Lights Rooms
Feb 2018 - May 2018, Bee Breeders

 shortlisted

LEGO Build the Change
Mar 2017 - May 2017, Politecnico di Milano

ADVANCED CONSTRUCTION MANAGEMENT AND ECONOMICS WORKSHOP

Graz Technical University, Austria
Apr 2016 - May 2016

EXCHANGE STUDENT

Liston college, Auckland, New Zealand
Jul 2011 - Nov 2011

Premio Piranesi - Prix de Rome
Jun 2018 - Aug 2018, Accademia Adrianea Onlus

Compasso Volante - E. Zambelli
Sep 2017 - Dic 2017, Politecnico di Milano - M. Imperadori








 1st place

Il Tagliacarte
Jan 2014 - Feb 2014, Politecnico di Milano

PERSONAL SKILLS

| | |
|-----------------|-------------|
| Team working | ● ● ● ● ● ● |
| Team leadership | ● ● ● ● ● ● |
| Punctuality | ● ● ● ● ● ● |
| Engineering | ● ● ● ● ● ● |
| Architecture | ● ● ● ● ● ○ |
| Digital | ● ● ● ● ● ○ |
| Creativity | ● ● ● ● ● ○ |
| Hand drawing | ● ● ● ● ○ ○ |

DIGITAL SKILLS

| | |
|---|--------------------------------------|
|  AutoCAD | ● ● ● ● ● ○ |
|  Revit | ● ● ● ○ ○ ○ |
|  Rhino + Grasshopper | ● ● ● ○ ○ ○ |
|  Office (Excel, Word, Powerpoint...) | ● ● ● ● ● ● |
|  MidasGEN | ● ● ● ● ○ ○ |
|  Photoshop | ● ● ● ● ● ○ |
|  Indesign | ● ● ● ● ● ○ |
| FEM SW: | SismiCAD, SAP2000 |
| Energy SW: | Lesosai, Termolog, Therm, BestEnergy |
| Graphic SW: | SketchUp, Illustrator, Lumion |
| Others SW: | MS Project, PriMus, TerMus-CRT |

LANGUAGES

| | |
|---------------|----------------------------|
| Mother tongue | ITALIAN |
| 2013 | ENGLISH: Council of Europe |
| Listening: B2 | Writing: B1 Speaking: B2 |
| 2019 | GERMAN: Self-Evaluation |
| Listening: A1 | Writing: A1 Speaking: A1 |
| 2019 | SPANISH: Self-Evaluation |
| Listening: A1 | Writing: A1 Speaking: A1 |

FURTHER INFORMATION

Open to relocation
Driver license
ANIT member
ASHRAE member
Libera member
Blood donor