



ALBERTO CATTANEO

21/01/1992 Genova, Italy

Mechanical and Energy Engineer

CONTACT ME AT

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DRIVING LICENSE

Driving license: B

LANGUAGES SPOKEN

NATIVE LANGUAGE: Italian

OTHER LANGUAGES: English

- Listening: C1
- Reading: C1
- Oral production: B2
- Oral interaction: B2
- Writing: B2

ADDITIONAL COURSES

- (2018) 48 hours project management course held by the Polytechnic School of the University of Genoa
- (2016) University Course in International Development Cooperation, in collaboration with the Ministry of Foreign Affairs and Cooperation International (MAECI) and the Conference of Italian Rectors (CRUI).

AWARDS RECEIVED

I've been awarded with one scholarship at the University Course in International Development Cooperation for the project "Design Studio installation of a photovoltaic system for the hospital "Le Bon Samaritain" in N'Djamena (Ciad) "



PERSONAL PROFILE

Training in machines and systems for energy, I'm particularly interested in renewable energies aware that through them we can transform the world in favor of even low-income countries.

I have a strong interest in international cooperation for development.

I am very meticulous and attentive to detail in every task I perform. Thanks to years in volunteering I have learned what working in a group means; moreover I have developed managerial and leadership skills together with the awareness of the responsibilities that come from making a decision. Most of all I have developed the capability to cope with unexpected situation always having a constructive approach.



PROFESSIONAL EXPERIENCE

- Mott MacDonald | www.mottmac.com

Renewable Energy Engineer | January 2022 - present

Provide engineering and consulting services for renewable energy (mainly solar and wind) as Lender Technical Advisor (LTA).

Acquisition Due Diligence (ADD), Vendors Due Diligence (VDD), Operation & Monitoring (O&M) for Solar and Wind projects. Solar and Wind EYA analyst with software PVsyst, Windographer, WindFarmer and WindPro

- ARGO IT s.r.l | www.argoitech.com

Automation Software Engineer | July 2021 - January 2022

Development of DCS and PLC systems for the control and supervision of power plants, from the development of the logics, to the creation of graphic control pages to the commissioning of the entire plant.

In particular, I worked on the revamping project of the fumes treatment of the Brescia waste-to-energy plant: control logics of the utilities and graphic layout of the plant on the ABB Symphony Plus system.

Understanding of P&ID and I / O lists.



WORK EXPERIENCE

Municipal councillor

Municipality of Genova | June 2017 - June 2022

Scientific animator

Associazione Festival della scienza | 2018 - 2019 - 2020

- www.festivalscienza.it

University tutor

University of Genova | July 2018 - July 2019

Educator

MEG Genova | Sept 2009 - Sept 2018

- www.meg-italia.it



ACADEMIC HISTORY

Master's degree in Mechanical Engineering - Energy and Aeronautics

University of Genova | Sept 2017 - March 2021 95/110 | Level 7 EQF

- Thesis title: "Energy policies and future sustainable development scenarios for countries with limited access to electricity: Burundi's case "

Bachelor's degree in Mechanical Engineering

University of Genova | Sept 2011 - March 2018 87/110 | Level 6 EQF

- Thesis title: "Experimental comparison between blade profiles for the conversion of energy from waves"

Classical high school diploma

Liceo Classico "C.Colombo" | Sept 2006 - June 2011 Level 3 EQF

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HOBBIES AND VOLUNTEERING

Sport

Football 1999-2006; Athletics 2006-2016

Politics

Founder and tutor of "Associazione Poliedri" (www.poliedri.it), which has as its main training project the "School of political training and active citizenship" for young people, inaugurated in October 2018

Volunteering

"Il Ce.Sto" social center for children and teenagers from disadvantaged families. It was an after-school project; "MEG" volunteering with children, elderly and mentally ill; "Associazione San Marcellino" volunteering with homeless.