

# FRANCO BELLETTI ARAQUE

Energy Engineer

## PROFILE

Young, positive, and motivated energy engineer looking for opportunities in the energy industry, I am a brilliant listener and an excellent team player, always motivated to keep learning and improving. I like challenges as they keep me motivated, and I am not scared of any possible one.

## CONTACT

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## HOBBIES

Sports  
Volunteering  
Music  
Nature

## EDUCATION

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### Sapienza Università di Roma

Bachelor's degree  
2013 – 2017

Thesis: Severe accident computer programs for PWR plants critical comparison [Energy engineering course focused on energy production from low emission sources such as renewable sources and nuclear. Also, thermodynamics.

### University of Meiji

Cultural exchange program,  
2014

Cultural exchange program that took place in Tokyo Japan. Lessons from Japanese language to deeply traditional events such as the tea ceremony, took place during this program.

### Sapienza università di Roma

Master's degree  
2018 – 2021

Thesis: Preliminary computational model to characterize the interaction between tungsten dust and steam/air inside fusion reactors.

Energy engineering course focused on energy production, conversion and management from renewable sources and nuclear power plants. I excelled in practical lessons involving MATLAB, including SIMULINK and ANSYS, doing numerical calculation and components design in ANSYS (fluent) for fluid machinery. Regarding theoretical courses I excelled at radiation protection, nuclear power plants, wind energy and solar energy courses]

## LANGUAGES

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### Spanish

Mother tongue

### English

C2

### Italian

C2

### Russian

B2

## SKILLS

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-MATLAB (Simulink)  
-Python  
-Java  
-C++ & C#  
-Microsoft office (Word, Power Point, Excel )  
-ANSYS (Fluent)

-Autocad  
-RELAP  
-MELCOR