



FRANCESCO GRIMALDI

CURRICULUM VITAE



Date of birth / 27/03/1999 Age / 24
 Place of birth / BOLOGNA (BO)
 Nationality/ citizenship / Italy
 Via Laura Bassi Veratti 1, 40137
 BOLOGNA (BO)
 Driving licence / B / Car available
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FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): Italian



	C1	C2	C1	C1	C2
ENGLISH EXCELLENT					
FRENCH LIMITED	A1	A1	A1	A1	A1
SPANISH LIMITED	A1	A1	A1	A1	A1

DIGITAL COMPETENCES

Self-assessment grid 
 Information processing **Proficient user**
 Communication **Proficient user**
 Content creation **Proficient user**
 Safety **Independent user**
 Problem solving **Independent user**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes** / Graduate studies
 CAREER FIELD: **1.** Engineering and design / **2.** R&D and patents
 AVAILABILITY FOR BUSINESS TRAVELS: **Yes, even frequently**
 AVAILABILITY TO RELOCATE ABROAD: **Yes, even in non-European countries**

Career Goal

My career goal is to work in the research and development of fourth generation nuclear fission and nuclear fusion. I would like to contribute to the deployment and spread of sustainable zero emission energy sources, in order to fight climate change and help humanity green transition. In addition to that I am also interested in working in the automation and artificial intelligence field, possibly in companies R&D sector.



WORK EXPERIENCES

tutor PRIVATE CLIENTS

Education, training, research and development
 BOLOGNA (BO)
 09/2018 - TODAY

Main activities and responsibilities: I tutor school students and I help them especially in English, math and physics.
Acquired skills and achieved objectives: Teaching skills to single students. Planning skills to effectively organise their studying according to their tests.
 Working as: without contract | Company sector: Human Resources



ACADEMIC STUDIES

PH.D. 2023 - 2026 ONGOING STUDIES



Alma Mater Studiorum - Università di Bologna
 Faculty: Ingegneria Biomedica, Elettrica e dei Sistemi Automatica e ricerca operativa
 Expected graduation date: 2026

MASTER'S DEGREE 2021 - 2023



Alma Mater Studiorum - Università di Bologna
 Scuola di Ingegneria e Architettura
AUTOMATION ENGINEERING / INGEGNERIA DELL'AUTOMAZIONE
 LM-25 - 2nd level degree in Automation engineering
 Dissertation/thesis title: Wireless Sensing and In-core Communication Capabilities applied to Lead cooled Fast Reactors | Thesis supervisor: Andrea Zucchelli
 Age at graduation: 24 | Official duration: 2 years
 Final degree mark: **110/110 cum laude**
 Graduation date: 19/07/2023

BACHELOR'S DEGREE 2018 - 2021 CERTIFIED TITLE



Alma Mater Studiorum - Università di Bologna
 Scuola di Ingegneria e Architettura
Automation Engineering
 specific field of the degree course: automation systems
 L-8 - 1st level degree in Information technology
 Dissertation/thesis title: System modeling and stabilization of an Inverted Pendulum | Dissertation/thesis subject: SYSTEM THEORY AND CONTROL | Thesis supervisor: MARCONI LORENZO
 Age at graduation: 22 | Official duration: 3 years
 Final degree mark: **110/110 cum laude**
 Graduation date: 20/07/2021

SCIENTIFIC CERTIFICATE BOLOGNA 2018

Scientific High School
 ENRICO FERMI, BOLOGNA (BO)
 School-leaving examination mark: **100/100 cum laude**
Kind of secondary school diploma: Italian secondary school diploma
Kind of secondary school attended: Public school



INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION

Office Suite: (Highly Specialised) | **Presentation Software:** (Advanced) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Highly Specialised)

APPLICATION SOFTWARE

CAD - Assisted Design: (Highly Specialised)

COMPUTER PROGRAMMING

Programming languages: C (Advanced) , C++ (Advanced) , Python (Advanced) | **Web Programming:** (Intermediate)

SYSTEMS AND NETWORKS MANAGEMENT

Network architecture: (Foundation) | **Operating systems:** (Highly Specialised)

DATA MANAGEMENT

DBMS: (Foundation)

GRAPHICS AND MULTIMEDIA

(Highly Specialised)



STUDIES AND EXPERIENCES ABROAD

UNITED STATES OF AMERICA 2017

Personal initiative (Study Holiday)

Place: **Boca Raton (United States of America)** | Language: English | Duration: 1 (months)

I took part in a third English study holiday with the same group, in a different location.

UNITED KINGDOM 2016

Personal initiative (Study Holiday)

Place: **London Egham (United Kingdom)** | Language: English | Duration: 1 (months)

I joined again an English study holiday organised by Astrolabio, with the same group of peers.

UNITED KINGDOM 2015

Personal initiative (Study Holiday)

Place: **Nottingham (United Kingdom)** | Language: English | Duration: 1 (months)

I joined an English study holiday organised by Astrolabio, together with a group of other high school students of Bologna.



ADDITIONAL INFORMATION

Every year during my high school career, I took part to the Italina Mathematical Olympiad and the Physics one and I managed to access the second level of those competitions, placing myself among the best 10 participants in Bologna.