



FRANCESCO BELLUCCI

CURRICULUM VITAE



Date of birth / 31/07/1998 Age / 27
Place of birth / NOVA FELTRIA (RN)
Nationality / citizenship / Italy
Viale fosco montini, 13, 52032
BADIA TEDALDA (AR)
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Driving licence / B / Car available
ID / 5195259 updated on 06/02/26

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FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): Italian



ENGLISH GOOD B2 B2 B2 B2 B2

FRENCH LIMITED A1 A1 A1 A1 A1

SPANISH LIMITED A1 A1 A1 A1 A1

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: Yes / Doctoral studies



ACADEMIC STUDIES

PH.D.
2022 - 2026
ONGOING STUDIES



Alma Mater Studiorum - Università di Bologna
Faculty: Meccanica e Scienze Avanzate dell'ingegneria (DIMSAI)
Mechanics and Advanced Engineering Sciences

Dissertation/thesis title: Application of Artificial Intelligence Techniques to Condition Monitoring and Predictive Maintenance of Mechanical Components | Thesis supervisor: Prof. Enrico Corti
Expected graduation date: 30/03/2026

MASTER'S DEGREE
2020 - 2022
CERTIFIED TITLE



Alma Mater Studiorum - Università di Bologna
Scuola di Ingegneria e Architettura
INGEGNERIA MECCANICA

LM-33 - 2nd level degree in Mechanical engineering
Dissertation/thesis title: Static model of an ideal refrigeration cycle for BEV applications | Dissertation/thesis subject: CONTROLLO MCI LM | Thesis supervisor: CORTI ENRICO | Dissertation/thesis keywords: Heat pump, Battery thermal Management, MATLAB/Simulink

Age at graduation: 24 | Official duration: 2 years
Final degree mark: 110/110
Graduation date: 13/10/2022

BACHELOR'S DEGREE
2017 - 2020
CERTIFIED TITLE



Alma Mater Studiorum - Università di Bologna
Scuola di Ingegneria e Architettura
INGEGNERIA MECCANICA

L-9 - 1st level degree in Ingegneria industriale
Dissertation/thesis title: DESIGN OF A ROBOT FOR REMOTE CONTROL OF EARTH-MOVING MACHINES | Dissertation/thesis subject: CREDITI NEL SETTORE ING-IND/15 | Thesis supervisor: PIANCASTELLI LUCA

Age at graduation: 21 | Official duration: 3 years
Final degree mark: 100/110
Graduation date: 16/07/2020



WORK EXPERIENCES

System Engineering
INTERN
RIMAC TECHNOLOGY
ZAGREB (CROATIA)
01/2025 - 07/2025

Main activities and responsibilities: Application of artificial intelligence techniques to condition monitoring and predictive maintenance strategies in electric powertrain
Employed as: intern/trainee - internship | Company sector: R&D and patents

MATLAB Student
Ambassador
MATHWORKS
FORLÌ (FC)
09/2023 - 01/2025

Main activities and responsibilities: Promotion of MATLAB: Spreading awareness and promoting the use of MATLAB within the school or university through events, workshops, presentations and discussions.

Student Support: Help other students to use MATLAB effectively by answering questions, providing technical support, and sharing educational resources.

Organisation of Events: Organise MATLAB-related events, seminars or workshops involving lecturers and students to improve understanding and use of the platform.

Feedback and Communication: Collect feedback from students on

using MATLAB and communicate this information to the MATLAB team for future improvements.

Being a Reference Point: To be the reference point for the student community regarding MATLAB, providing information, resources and assistance.

Content Creation: Create educational content such as tutorials, articles, or videos to help other students learn and use MATLAB.
Acquired skills and achieved objectives: Skills acquired:

Effective Communication: Improve communication skills, both in public and through digital media, for presentations, workshops and online interactions.

Event Management: Learn to plan, organise and conduct events, seminars, and workshops, developing project management skills.

Technical Support: Acquire advanced skills in the use of MATLAB and become an expert able to answer questions and solve problems for other students.

Leadership: Develop leadership skills, including the ability to inspire, motivate and involve other students.

Time Management: Improve time management to balance academic and MATLAB ambassador commitments.

Educational Content Creation: Learn how to create tutorials, articles or educational videos that are clear and effective for MATLAB dissemination.

Employed as: other - fixed-length contract | Company sector: Engineering and design

Consultant for elearning classes in applied machine mechanics

UNID S.R.L.

Education, training, research and development
BADIA TEDALDA (AR)
04/2022 - 08/2022

Main activities and responsibilities: Once the student's initial preparation is known, preparation for the exam is planned, modifying it if necessary according to the results achieved from time to time.

Employed as: other - fixed-length contract

Professor of mechanical technology and applications, maintenance and service engineering a

I.I.S. 'GIUSEPPE GIOVAGNOLI'

Education, training, research and development
SANSEPOLCRO (AR)
11/2021 - 08/2022

Main activities and responsibilities: Prepare lectures, teaching materials and tests

Explain subject content

Maintain discipline within the classroom

Correct tests and assignments

Assess students' knowledge

Employed as: office worker - fixed-length contract

Undergraduate Internship

ALMA MATER STUDIORUM

Aeronautics, aerospace, shipbuilding
BADIA TEDALDA (AR)
03/2020 - 05/2020

Main activities and responsibilities: CAD design using Solidworks

Employed as: intern/trainee - undergraduate internship | Company sector: Engineering and design



INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION

Office Suite: (Intermediate) | **Presentation Software:** (Intermediate) | **Spreadsheets:** (Intermediate) | **Web Browser:** (Intermediate) | **Word Processors:** (Foundation)

APPLICATION SOFTWARE

CAD - Assisted Design: (Advanced)

COMPUTER PROGRAMMING

Programming languages: (Intermediate) | **Web Programming:**

(Foundation)

**SYSTEMS AND NETWORKS
MANAGEMENT**

Operating systems: (Advanced)

DATA MANAGEMENT

DBMS: (Foundation)

GRAPHICS AND MULTIMEDIA

(Intermediate)