

CURRICULUM VITAE

FLAVIO COGNIGNI

I am creative, proactive, detail-oriented and always ready to step outside my comfort zone. I have excellent communication skills in English and French, I am inclined to work dynamically in group projects to improve myself and my colleagues. I have been playing the electric bass for 8 years, music is what helps me most to achieve maximum concentration and is my source of inspiration for new ideas. Through study, travel, work, and sport I guide myself towards knowledge and awareness, growing day by day, until I become the man and Manager I want to be.

INFORMAZIONI PERSONALI

Name **FLAVIO COGNIGNI**

OCCUPATION INDUSTRIAL PHD STUDENT

ESPERIENZA LAVORATIVA

- Date **APRIL 1, 2021 - NOW**
- Company or Business Sapienza University of Rome
- Occupation PHD STUDENT
- Main duties and responsibilities Industrial PhD Project called "Connected multidimensional and multiscale Characterization Approaches for the Research Lab (CARL)" in collaboration with the Carl ZEISS SpA and Sapienza - University of Rome. Developing of innovative correlative microscopy workflows combining many analytical techniques such as Light Microscopy (LM); Scanning and Transmission Analytical Electron Microscopy (SEM and TEM); X-Ray Microscopy (XRM). Raman Spectroscopy, Electronic Diffraction and X-rays (XRD); Confocal microscopy. Correlative Microscopy. Data Processing, 3D Modeling and Image Processing Software

- Date **SEPTEMBER 2019 - NOW**
- Company or Business Earthfront Srl
- Occupation **BOARD OF DIRECTORS**
- Main duties and responsibilities Project Manager. Organizing the work of a team by praising the skills of each team member has often proved to be the winning key even in the most complicated situations. I am one of the three inventors of the "Adaptive Guardian Technology" patent, the innovative machinery at the heart of Earthfront SRL's business that aims to collect plastic waste transported by watercourse.

- Date **JANUARY 31, 2013 – DECEMBER 31, 2016**
- Company or Business International Music Events
- Occupation Manager, Public Relations Manager, Musician.
- Main duties and responsibilities Founder of the musical group (year 2013) in the role of bassist / guitarist and singer. In the first phase of activity, I managed contacts with local companies to participate in musical events in the city of Rome. In the years 2014/2015 the first Studio album was released; the undersigned has held the role of organizer and coordinator of the activities. In 2015, a contract was signed with the record label "This is Core" with distribution in Italy, Germany, the United Kingdom, and the United States of America. Subsequently, in 2016, the contract was signed, through the record label, for a ten-date tour in Russia.

- Date **JUNE 15, 2015 – SEPTEMBER 20, 2015**
- Company or Business Tropics, Av. Just Marlés Vilarrodona, 49, 17310 Lloret de Mar, Girona, Spagna.
- Occupation International Music Events
- Occupation Manager, Public Relations Manager, Musician
- Main duties and responsibilities Manager of events dissemination and sponsorship as well as referring to the public relations

sector. Coordination and management of a working group to ensure maximum dissemination of events, contact with the international customers.

EDUCATION

- Date
- Name and type of organization
 - 2021 - now**
 - Sapienza University of Rome
 - Industrial PhD Project called "Connected multidimensional and multiscale Characterization Approaches for the Research Lab (CARL)" in collaboration with the Carl ZEISS SpA and Sapienza - University of Rome. Developing of innovative correlative microscopy workflows combining many analytical techniques such as Light Microscopy (LM); Scanning and Transmission Analytical Electron Microscopy (SEM and TEM); X-Ray Microscopy (XRM). Raman Spectroscopy, Electronic Diffraction and X-rays (XRD); Confocal microscopy. Correlative Microscopy. Data Processing, 3D Modeling and Image Processing Software.
- Main subjects
- Date
- Name and type of organization
 - 2019 - 2021**
 - Master's degree cum laude and Excellence Award in Nanotechnology Engineering, University of Rome "La Sapienza", Department of Applied Basic Sciences for Engineering (SBAI).
- Main subjects
 - Structure of Matter, Micro and Nano Fabrication, Advanced Microscopy and Characterization Techniques, Theoretical and Experimental Physics.
- Date
- Name and type of organization
 - 2020**
 - Corporate Finance Professional Certification Program, Columbia University, Columbia Business School, ColumbiaX.
- Main subjects
 - "Corporate Finance", "Free Cash Flow Analysis" e "Risk and Return".
- Date
- Name and type of organization
 - 2020**
 - MOOC certification in "Micro and Nanofabrication (MEMS)", École polytechnique fédérale de Lausanne (EPFL), EPFLX.
- Main subjects
 - Study of the most recent technologies used for the industrial production and characterization of micro-nano electronic devices. Introduction to laboratory practices within a cleanroom.
- Date
- Name and type of organization
 - 2015-2018**
 - Bachelor's Degree in Clinical Engineering, University of Rome "La Sapienza", Department of Applied Basic Sciences for Engineering (SBAI).
- Main subjects
 - Basic Sciences, Deterministic and Stochastic Signals, Biomedical Instrumentation, Hospital Systems.
- Date
- Name and type of organization
 - 2016 - 2017**
 - Matlab Crash Course, University of Rome "La Sapienza", Department of Applied Basic Sciences for Engineering (SBAI).
- Date
- Name and type of organization
 - 2015 - 2016**
 - C++ Coding, University of Rome "La Sapienza", Department of Applied Basic Sciences for Engineering (SBAI).
- Date
- Name and type of organization
 - June 15, 2012 – July 15, 2013**
 - Intensive English language course, "Sprachcaffe International", Pembroke (Malta).

- Date
- Name and type of organization
 - Date
- Name and type of organization
 - Date
- Name and type of organization
 - Date

June 12, 2011 – July 14, 2012

Intensive English language course, "Sprachcaffe International", Saint Paul's Bay (Malta).

June 15, 2010 – July 15, 2011

Intensive English language course, "Canterbury" (UK) with "Blaise Pascal" International Scientific High School.

9 luglio 2015

"Blaise Pascal" International Scientific High School.

PERSONAL SKILLS AND ABILITIES

Native Italian Speaker

OTHER LANGUAGES

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale
Attestato
- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

ENGLISH

EXCELLENT

EXCELLENT

EXCELLENT

FIRST (B1), Trinity College London (8).

FRENCH

EXCELLENT

GOOD

EXCELLENT

SOCIAL SKILLS AND
COMPETENCES

During my professional experience I have developed a strong ability to work in group even in multicultural and international contexts, developing process management skills and coordination of human resources. I strongly believe that success can be achieved through the enhancement and recognition of the merits of each member of the team. I always step out of my comfort zone; I am detail oriented and I am inclined to dynamic teamwork. The awareness of the responsibilities and the important actions carried out during the various activities allowed me to gain self-confidence and pass it on to my colleagues. I am always ready to improve myself and enrich my knowledge to become the man and Manager I want.

TECHNICAL COMPETENCES

Excellent knowledge of Windows operating systems and applications, Excel and Power Point and the most common browsers. Excellent knowledge in the scientific field with regard to mechanics and theoretical and experimental physics.

OTHER COMPETENCES AND
EXPERIENCES

2008 - 2011

Football "R. Club Sandro Tovalieri";

dal 2012 - now

Volleyball "Volley Team Pomezia";

2014 - 2015

Volleyball – National League

DRIVER'S LICENCE

B type licence

AWARDS AND PRIZES

February 2021 Special Mention in the "Impresa Ambiente Award - VIII Edition" in the "Best Innovative Product" category organized by the Chamber of Commerce of Venice Rovigo.

September 2020 First place in the "Special Award of the Lazio Region" of the "Unite per l'Impresa Award" organized by Unindustria in collaboration with Lazio Innova and the Lazio Region

January 2020 First place in the national phase of "Hult Prize 2020", Rome.

April 2019 Participation in the "Hult Prize 2019" International Summit, Oslo.

December 2018 First place in the local group of the "Ebec Challenge 2019", Rome.

December 2018 First place in the national phase of "Hult Prize 2019", Rome.

May 2018 Second place in the national group of the "Ebec Challenge 2018", Naples.

December 2017 First place in the local group of the "Ebec Challenge 2018", Rome.

The prizes listed above were consequent together with the Earthfront Srl team.