

FORMATO EUROPEO  
PER IL CURRICULUM  
VITAE



INFORMAZIONI PERSONALI

Nome [OUMAIMA AFIF ]  
Indirizzo -  
Nazionalità -

ESPERIENZA LAVORATIVA

- Date (08/2022 – 9/2022)
- Errebi Automazioni Srl  
Nervesa della battaglia  
TV, Italy.
- industria

**CAD Engineer**

- \* Drafting for 3D parts/Assembly.
- \* Define and analysis of Tolerance.
- \* Design 2D/3D , Autocad.

*Training:* ISO 16792, ISO 1101, ISO5458 Standards, CETOL 6σ.

- Date (02/2022 – 7/2022)
- Ca' Foscari University of  
Venice

**Research Project on Routing in CubeSat Network based on architecture and topology design.**

- \* Analysis and evaluation of the communication between CubeSats and ground stations on Matlab Simulink interference on virtual real-time.
- \* 6 Degree-Of-Freedom simulation of CubeSat in Matlab.
- \* Time optimization and Attenuation reduction for data transmission systems.
- \* Routing analysis in two methods: Single and multi-layers communication.
- \* Adjanency Matrix and Runge-Kutta Methods application for NanoSatellites.
- \* Node Method importance in temporal satellite networks based on time slot correlation.

*Training:* Comprehensive literature review and report writing.

- Date (02/2022 – 7/2022)
- Aerospace , Midparc Free  
Zone, Casablanca 20200,  
Morocco.
- industria

**Industrial Training**

- \* Reverse engineering for former Boeing aircraft .
- \* Technical drawing of Tubes/Ducts for Boeing's aircraft.
- \* Create and edit documentation on Python with Pandas.
- \* Planning and customer support.

*Training:* Python , Catia V5.

- Date (11/2021 – 12/2021)
- Alten Maroc –UIR,  
AMSA6: Connected –Car  
Road safety and  
convenience  
Casablanca ,Morocco.
- industria

#### **Industrial Training**

- \* Braking system design.
- \* Cellular V2X communication

*Training: Public speaking ,Stress management techniques*

- Date (06/2021 – 8/2021)
- CAPGEMINI  
ENGINEERING , 1100 bd  
Al Qods Sidi Maarouf à  
Casablanca ,Morocco.
- industria

#### **Industrial Training**

- \* Developing the KPI Indicator on Excel VBA (OTD, FTR, FTQ...) for the Airbus team.
- \* Evaluating the performance of Airbus (Capgemini customer) employees through the Skills Matrix for PMBP (Project management Business partner) and performing Radars.
- \* Follow up on deliverables for Airbus's team in Capgemini on Excel and detect the non-conformity

*Training: Excel VBA, Quality Management, Meeting Animation.*

#### **ISTRUZIONE E FORMAZIONE**

- Date (02/2022 – 07/2022)
- Ca' Foscari University of  
Venice, Venice, Italy.
- CubeSat Network,  
Starlink Technology,  
Telecommunication  
systems.
- Ingegneria Aerospaziale

**Erasmus+Exchange Semester.**

- Date (09/2017 – 07/2022)
- Université Internationale  
de Rabat, Rabat, Morocco.  
Aerospace, Aeronautics,  
Satellite, Mechanics,  
Management, CAD
- Ingegneria Aerospaziale

**Aerospace & Mechanical Engineering, State Engineer with honor (GPA4.0)**

- Date (09/2014 – 07/2017)
- Lycée lalla  
Amina, Meknes, Morocco.
- Physics, Mathematics,  
Mechanics, life, and earth  
sciences.

**Baccalaureate in physical science, Passed National exam with 19/20**

## CAPACITÀ E COMPETENZE PERSONALI

My career and passion for providing solutions to the faced of Aerospace and Mechanical problems have led me to specialize increasingly in Mechanics engineering education with a training focus on research combined with design thinking, contributing immensely to the attainment of mechanical product management and environmental resilience. I have good communication skills, teamwork, and Technology peculiar to Industrial engineering.

PRIMA LINGUA

[ Arabic ]

ALTRE LINGUE

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

### ENGLISCH

eccellente  
eccellente  
eccellente

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

### ITALIEN

elementare  
elementare  
elementare

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

### FRENCH

eccellente  
eccellente  
eccellente

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

### GERMAN

buono  
buono  
buono

CAPACITÀ E COMPETENZE  
RELAZIONALI

- \* My life in Space” by M.Daniel M.Tani ,(Former Astronaut , NASA Johnson Space Center).
- \* Modeling and Optimization of Operation” by Mike Hamilton and Raed Jaradat (Professors MSU,USA).
- \* Future of Aerospace engineering in Morocco and the Arab Word“by Ahmed Farid, (a Spacecraft ground system controller in Munich ,Germany).

CAPACITÀ E COMPETENZE  
ORGANIZZATIVE

- \* Tutoring Math ,Mechanics and English to high School Student for their National Moroccan exam ,Preparation, Summer 2020,Meknes ,Morocco.
- \* Member student Aero club ,UIR,Morocco Sep 2017 to Sep 2018.
- \* Team leader of several Academics Project, UIR,Morocco.

**CAPACITÀ E COMPETENZE  
TECNICHE**

- \* Matlab ,Flight Control System and Control Design Engineering, Mechanics engineering, Aeroacoustics, Materials for Mechanical Engineering Design, Non-Destructive Testing ,Energy System Design , Quality management for Engineering.
- \* Matlab/Simulink, C/C++, Python, Catia V5(2D/3D), AutoCAD , Ansys (2D/3D, CFD Fluent, Acoustics,Simulation) BUS and Communication systems(I2C,CAN), Embedded System (Arduino, Raspberry Pi platforms),Controllers(PID,PI,PD...),Microsoft Office(Word, PowerPoint, Excel/ Excel VBA), G-Suite.

**CAPACITÀ E COMPETENZE  
ARTISTICHE**

- \* Travelling, Research, Intellectual discussion.

**ALTRE CAPACITÀ E  
COMPETENZE**

*Competenze non  
precedentemente indicate.*

[ Descrivere tali competenze e indicare dove sono state acquisite. ]

**PATENTE O PATENTI**

**ULTERIORI INFORMAZIONI**

[ Inserire qui ogni altra informazione pertinente, ad esempio persone di riferimento, referenze ecc. ]

**ALLEGATI**

[ Se del caso, enumerare gli allegati al CV. ]

Data 10/01/2023

Firma 