

PERSONAL INFORMATION **SIMONE GIANNATTASIO**

PREFERRED JOB aerospace engineer

WORK EXPERIENCE

Jul 2022 - Jan 2023 **IT engineer**  
**Unreal engine/simulink lunar lander descent co-simulation and virtual camera image generation using LRO DEM based moon virtual model built in MATLAB/BLENDER**  
 Telespazio , Via Tiburtina, 965, 00156 Roma RM - ROMA (RM) Italy  
*Business or sector* Engineering and design , aeronautics, aerospace, shipbuilding

EDUCATION AND TRAINING

2021 - present **Master in Satellite systems and services** EQF level 8  
 Sapienza Università di Roma  
 2nd level Academic Master's programme

2017 - 2020 **Aerospace engineering** EQF level 7  
 Politecnico di TORINO - Department of Mechanical and Aerospace Engineering  
 2nd cycle degree/Master of Science (2 years)

2014 - 2017 **Aerospace engineering**  
 Federico II di Napoli - Department of industrial engineering  
 Bachelor's degree (3 years)

Postgraduate studies

OTHER TRAINING COURSE

2022 - 2022 (4 months)

**System Engineering Workshop (II level Master)**

Sapienza Università di Roma

**Description:** sat integrated nav/tlc lunar constellation conceptual project, design

And optimization through matlab/excel cdf and preliminary tlc/nav and power subsystem design

OTHER TRAINING COURSE

2019 - 2020 (5 months)

**Dynamic structuralist at EOLITO student teamwork**

Politecnico di TORINO

Description: wind vertical turbine modal and response rotor dynamic analysis for evaluation of rotor critical speed

Pre-university studies

School-leaving examination taken in (year): 2014

Italian secondary school diploma

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING				SPEAKING				WRITING	
	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient

## Linguistic experience(s)

### Personal initiative

language study abroad programme in Edinburgh

Language: English

Duration of studies in months: 1

Foreign country where the academic studies were carried out: Edinburgh (United Kingdom)

Description: intensive english C1 course

### Personal initiative

language study abroad programme in Dublin

Language: English

Duration of studies in months: 1

Foreign country where the academic studies were carried out: Dublin (Ireland)

Description: intensive english B2 course

## Communicationskills

-public speaker-' skills acquired during Eolito Team presentation activities and internship experience in Telespazio

## Organisational / managerial skills

teamwork- competence acquired during:

-experience as a trainee in Telespazio during which I worked in the team of innovation and technology within a CDF

-Team experience during project work during second-level master's' Satellites and orbiting platforms' during which we simulated a CDF for the design of an attached space mission and satellite system

- EOLITO student team experience

## Digital competences

SELF-ASSESSMENT				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
Proficient user	Proficient user	Proficient user	-	Proficient user

Digital competences - Self-assessment grid

### Basic digital competence:

#### OFFICE AUTOMATION

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

#### APPLICATION SOFTWARE

unreal engine (Advanced) | **CAD - Assisted Design:** CATIA (Highly Specialised) | **Structural calculation:** Patran/Nastran (Advanced)

#### COMPUTER PROGRAMMING

**Markup languages:** LaTeX (Advanced) | **Programming languages:** C++ (Foundation), Fortran (Intermediate), Matlab/ Simulink (Highly Specialised), Python (Foundation)

#### SYSTEMS AND NETWORKS MANAGEMENT

**Operating systems:** (Foundation)

#### GRAPHICS AND MULTIMEDIA

(Intermediate) | **3D graphics:** Blender (Advanced)

## Other skills

Piano And Guitar player

Songwriter and music Composer

Tennis player

## Driving licence

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