



RITA BECCIANI

ABOUT ME

I'm an Aeronautical Engineering student, currently at the second year of my Master's degree. The aerospace industry has always fascinated me because of its state-of-the-art technological advancement and its attention to detail. I like solving puzzles and finding creative solutions to any challenge that comes my way.

CONTACTS

HOBBIES

Baking
Pilates
Hiking
Film studies

EDUCATION

Master's Degree in Aeronautical Engineering

Sapienza University of Rome

[September 2019] - [Current]

MAPA (Modeling and Analysis for Aircraft Design) exams curriculum with focus on aeronautical structures and aeroelasticity, flight dynamics and helicopter flight mechanics, vibration control.

Bachelor's Degree in Aerospace Engineering, 109/110

Sapienza University of Rome

[September 2015] - [March 2019]

BSc Thesis (title translated from Italian): "Analysis of the mitigation of the tensional state in laminate composites with added nylon in-layers".

EXPERIENCE

Sapienza Flight Team – Ground Station Team Member

[October 2019] – [November 2020]

Providing ground support and securing a stable connection with a student-made UAV; remote piloting of the drone using QGroundControl; HITL simulations for the student-made autopilot software.

PRIVATE TUTORING

[September 2015] – [Current]

Tutorial services to provide support in Applied and Analytical Mechanics, Finite Element Software Analysis and Physics to Engineering students; tutorial service, homework support and study guidance for middle and high school students in Latin, English, Mathematics and Physics.

LANGUAGES

Italian: mother tongue

English: advanced knowledge (TOEFL score 114/120 as of dec. 2019)

German: basic knowledge

French: basic knowledge

IT SKILLS

MATLAB, Simulink, Nastran, Patran, Marc Mentat, Office, LaTeX :
intermediate knowledge

ANSA-META, Python, SolidWorks: basic knowledge