



Roberto Lozupone

EDUCATION AND TRAINING

SEP 2020 – JUL 2023 Rome, Italy

Master's Degree in Aeronautical Engineering Sapienza University of Rome

- Gasdynamics
- Aeronautical Propulsion
- Aeronautical Structures
- Flight Dynamics
- Aeroelasticity
- Aircraft and Helicopter Aerodynamics
- Experimental Aerodynamics
- Helicopter Flight Mechanics
- Hypersonics
- Aerospace Materials

Final grade 110/110 cum laude | **Level in EQF** EQF level 7 |

Thesis "Aerodynamics of an inverted wing in ground effect: the influence of cornering"

SEP 2017 – OCT 2020 Rome, Italy

Bachelor's Degree in Aerospace Engineering Sapienza University of Rome

Final grade 110/110 cum laude | **Level in EQF** EQF level 6

SEP 2012 – JUL 2017 Rome, Italy

Scientific High School Diploma Liceo Scientifico Statale "Isacco Newton"

Final grade 100/100

WORK EXPERIENCE

JUL 2022 – JAN 2023 Rome, Italy

Software Team Leader Sapienza Flight Team

SEP 2021 – JUL 2022 Rome, Italy

Software Team Member Sapienza Flight Team

- Implementation and validation of an autopilot for a fixed-wing UAV
- MATLAB/Simulink

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S): English

DIGITAL SKILLS

ADVANCED

MATLAB | Simulink | Ansys Fluent | Ansys SpaceClaim | Tecplot360 | LaTeX | Microsoft Office

INTERMEDIATE

Pointwise | CFD++ | Solid Edge | Wolfram Mathematica

BASIC

Nastran | Patran | modeFRONTIER