

WORK EXPERIENCE

01/11/2023 – 01/11/2024 Sesto Calende, Italy

Integrated Logistic Support Engineer - Technical Publications Leonardo Helicopters

Management and development of Aircrew Technical Publications, specializing in AW189, AW149, and AW609. Collaborating with D&D and FTE for source document reviews. Contributed to the renewal and optimization of internal procedures within the Technical Publications department to enhance efficiency and compliance.

01/10/2020 – 01/10/2022 Rome, Italy

Hardware & Sensors Engineer Sapienza Flight Team

Design and development of avionic systems, with a strong focus on the management and setup of sensors for fixed-wing UAVs. Planned and executed tests for UAVs registered in the AUVSI SUAS international competition, actively participating in both hardware-in-the-loop (HIL) and software-in-the-loop (SIL) processes. Gained extensive on-site experience during testing and simulation activities. Additionally, contributed to the Maker Faire Expo exhibition, showcasing advanced UAV technologies.

EDUCATION AND TRAINING

07/02/2025 – CURRENT Rome, Italy

Higher Education Course - Project, Program and Portfolio Management Sapienza University of Rome

01/11/2024 – CURRENT Rome, Italy

PhD Industrial and Management Engineering Sapienza University of Rome

Research project on cyber resilience in Advanced Air Mobility, focusing on the development of strategies to enhance system robustness against cyber threats and operational disruptions. Additionally, involved in research activities in safety and resilience engineering, applying methodologies such as STAMP and FRAM in industrial environment.

01/10/2020 – 26/07/2023 Rome, Italy

MSc Aeronautical Engineering Sapienza University of Rome

2nd-year curriculum: Management and Operations in Civil Aviation and Flight Systems. Acquired knowledge of aviation regulations and safety management, guidance, navigation, and control, flight assistance systems, airline economics, as well as aviation maintenance and operations. Specilized in resilience engineering and risk management during projects and thesis development, with a particular focus on advanced safety methodologies such as System-Theoretic Process Analysis (STPA) and Functional Resonance Analysis Method (FRAM) to enhance safety assessment and operational reliability in aviation.

Final grade 107/110 | **Thesis** A network-based extension of the Functional Resonance Analysis Method to manage aviation operations.

01/10/2015 – 23/10/2020 Rome

BSc Aeronautical Engineering Sapienza University of Rome

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening C1

Spoken production C1

Reading C1

Spoken interaction C1

Writing C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

I give consent to process my data with the purpose of the recruitment process, in accordance to the Regulation of the European Parliament 679/2016, regarding the protection of natural persons and free movement of such data.