



Michele Mione, Italy. Graduated 2017

Job description: Satellite Test Engineer, OHB System.

The master program gave me a comprehensive and precious education in both theoretical and practical aspects of the main topics of aerospace engineering. Thanks to the wise combination of taught courses, seminars and team projects, the program delivers high-quality contents and suitably prepares the student to tackle the engineering challenges of the world of work. Throughout the master, I could gain hands-on experience and room is given to personal initiative, making the environment particularly stimulating and motivating! During the program, I had the opportunity to give my contribution to the Pegasus Cubesat team and joined several workshops, such as the Alpbach Summer School design challenge organized by FFG in collaboration with ESA. Thanks to the good connections with European Universities and industrial partners, I could pursue my master thesis abroad, conducting research activities on cutting-edge technologies for high-temperature material applications. After graduating, I joined the FHWN as a researcher in the project RHEFORM in the framework of the HORIZON 2020 European initiative. Here, I could apply my knowledge to investigate injector performance for green-propellant-based thrusters, in strict collaboration with FOTEC, research subsidiary of the FHWN. Since January 2018, I joined OHB System as a Satellite Test Engineer, supporting the system engineering department in the preparation and execution of tests on flight models, post-test data analysis and reporting for upcoming telecommunication and remote sensing satellites. In each step of my career, I bring with me the solid background acquired thanks to the M.Sc. in Aerospace Engineering at the FHWN, which has given me vision, methodology and knowledge through practice to face the challenges of the aerospace engineering world.