

Internship Reference

Mr Omar Elsherbiny born on 21 Feb 2002 was employed in our company from 1 Jun 2025 to 31 Aug 2025 in the Systems Engineering department as a Intern System Engineering.

Rocket Factory Augsburg AG is a young international space startup. It was founded in 2018 as a spin-off of the OHB Group on the belief that flexible access to space will revolutionize space services and the way we can improve life on earth. RFA is developing space launch solutions for low cost access to space in a unique set up.

During the entire period of his internship, Mr Omar Elsherbiny was assigned to the Systems Engineering department as Intern System Engineering. Here he was assigned, in particular, the following tasks:

- Contributed to the development of a recursive system-level risk assessment tool by modifying and refining a probabilistic formula that integrates prior knowledge and test data to evaluate safety-critical systems and subsystems' reliability.
- Analyzed test data and applied risk assessment / safety analysis on the launcher's high-pressure gas storage system.
- Conducted FMEA on launcher separation system.
- Compiled test data on solenoid and actuated valves to quantify history of actuations during testing.
- Contributed to the documentation of architecture differences between the first and second stage.
- Reviewed and catalogued 21 different ground launch systems including propellant handling and storage systems, pressurization, spin-start, water deluge, hydraulics, and umbilical systems.

Mr Elsherbiny always acquired very good specialist knowledge within a very short time in the respective departments. During the internship, he always participated in the corporate training initiatives with great success.

He had an excellent ability to familiarise himself rapidly, which always enabled him to grasp even the most complex work content very well within a very short time. Mr Elsherbiny always worked using his own initiative and completely identified with his responsibilities and our company at all times. He always displayed an impressive level of dedication and motivation. During the entire internship, Mr Elsherbiny stood out because of his extremely high and excellent eagerness to learn. He always demonstrated resilience even in highly stressful situations.

He was always highly appreciated by our company because of his extremely diligent and responsible way of working. Mr Elsherbiny always was extremely reliable. He always found excellent solutions for any problems which arose. The performance of Mr Elsherbiny during his internship was always fully appreciated by us in every respect. He was highly appreciated both inside and outside the company for his consistently friendly and even-tempered disposition. He was always helpful, courteous and even put his personal interests on hold if necessary. His conduct towards his line managers, supervisors, colleagues or towards clients was always exemplary and loyal. He was friendly and helpful towards other trainees at all times.

We wish Mr Elsherbiny continued success and all the best for his future career and private life.

Augsburg, 31 Aug 2025

Rocket Factory Augsburg AG



i. V. Kiran Ravindra Chincholi
Head of Systems Engineering



Jörn Spürmann
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