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**XER**  
Technologies

## **A NEW HEAVY DUTY UAS GENERATION – MADE IN SWITZERLAND!**

Xer Technologies AG (Switzerland) is dedicated to developing, producing, and marketing heavy-duty and customizable unmanned aerial system (UAS) solutions that enable our customers to generate actionable data insights, creating a safer, more efficient, and sustainable world. Xer delivers the most robust hybrid-electric multirotor UAS on the market. The Xer X8 UAS is ready to fly within minutes, can stay airborne for up to 2.5 hours, carry heavy payloads of up to 7 kg, and operate in adverse weather conditions. To strengthen our team in the greater Zürich area (Switzerland), we are seeking a motivated engineering student for the following position:

### **INTERNSHIP – SYSTEMS DEVELOPMENT AND TESTING**

#### **Your responsibility**

You will collaborate closely with our engineering team on the systems development and testing for the Xer X8 UAS. In this role, you will get the opportunity to lead assigned projects related to the development of flight controls, flight guidance, or telemetry systems.

As part of your responsibilities, you will gain in-depth experience with the aircraft systems development cycle, from requirements analysis through conceptual design to system validation—whether on the test bench or during live aircraft flight tests.

In addition, you will have the opportunity to support the payload integration projects and development of advanced guidance functions for UAS flight control. This position offers a balanced mix of theoretical and hands-on activities, providing you with valuable experience in UAS systems and payload technology.

#### **Your personality**

You have experience in mechanical, electrical or software development. You possess strong analytical skills and have worked on UAS/aircraft systems or performed similar tasks in the industry or during your engineering studies. Experience with software development (Python, web applications), data acquisition systems, and data analysis tools is an advantage. You are comfortable working in a team and have a proactive attitude. You seek an environment where you can contribute your innovative ideas and creativity. You have a very good command of written and spoken English and/or German.

#### **Your perspective**

You will have the unique opportunity to advance the industrialization of a new generation of heavy-duty UAS and contribute to opening the market for a variety of applications. This role will provide you with the flexibility to implement your ideas and develop significant expertise in the unmanned industry. It represents an excellent milestone for your professional career, with the potential for long-term engagement with the company.

#### **Contact**

*If you are interested in this compelling opportunity, we would be pleased to review your complete application documents, sent to [waldemar.schaefer@xer-tech.com](mailto:waldemar.schaefer@xer-tech.com)*