

Internship within R&T: Digital Twin for Factory of Tomorrow

Org.Unit Siglum: **ZI**

Location: **Germany** (Hamburg)

CONTEXT

Airbus is a global leader in aeronautics, space and related services. In 2017, it generated revenues of € 67 billion and employed a workforce of around 130,000. Airbus offers the most comprehensive range of passenger airliners from 100 to more than 600 seats. Airbus is also a European leader providing tanker, combat, transport and mission aircraft, as well as Europe's number one space enterprise and the world's second largest space business. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions worldwide.

Our people work with passion and determination to make the world a more connected, safer and smarter place. Taking pride in our work, we draw on each other's expertise and experience to achieve excellence. Our diversity and teamwork culture propel us to accomplish the extraordinary - on the ground, in the sky and in space.

IT within Airbus is a Transnational Organisation mirroring the Industrial landscape. IT is currently undergoing a major **Digital Transformation** programme refocussing on IT Product and Technology Service teams with an End-to-End (E2E) accountability and full responsibility for the value proposition.

WHAT YOU'LL DO

We are looking for a highly motivated student with practical knowledge to handle Industry 4.0 topics. The intern (M/F) will work in the context of "**Digital Twins**". The intern will test and assess technologies/methodologies to augment digital models with data/information coming from physical assets based on the shop floor.

Subtasks such as comparison of **IoT** standards and devices, process optimization will also be performed.

MAIN TASKS AND ACCOUNTABILITIES

For Airbus in Hamburg – ZAL (Center of Applied Aeronautical Research), within an R&T department.

- Install, test and assess digital technologies needed to build "digital Twins"
- Development of solutions, comparison of different tools

COMPETENCES

- Enrolled student within Information Management, Engineering or similar field of study
- Basics in IoT, Data Processing, Network Technologies
- English: fluent
- German would be a plus
- You are a good team player, have good communication skills, and are able to work independently