



HE Space is a successful international space company. For nearly 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a EGNOS PCF System Engineer (f/m/d) to support our customer in Germany.

EGNOS PCF System Engineer (f/m/d)

Key Tasks and Responsibilities

EGNOS is a satellite based European augmentation system for GPS signals and the upcoming European Navigation system Galileo. Currently the next generation EGNOS V3 is under development. In this context the element "Prediction Chain Facility" (PCF) is specified and verified by Airbus, generating GNSS corrections and bounds for end user receivers. You will have the following responsibilities:

- Performing requirements engineering of navigation performance requirements for the PCF system;
- Breaking down and allocating navigation requirements (functional and performance) to the PCF subsystems;
- Verifying the flow-down of requirements to algorithm specifications;
- Supporting definition of Test Procedures and Test Cases to verify the PCF element;
- Contributing to specification of metrics, tools and scenarios in line with needs coming from qualification.

Skills & Experience

You will have the following qualifications and relevant experience:

- University degree (master) in Computer Science, Electrical engineering or equivalent;
- Experience developing algorithm for satellite navigation is required
- Demonstrated experience in SBAS/EGNOS and GNSS system architecture and performances is required
- Demonstrated experience in system engineering and in associated processes and tools is necessary
- Experience in satellite navigation systems architecture and applications;
- Sound working knowledge in Python Doors and Matlab;
- Profound knowledge using C is necessary;
- Fluency in English is mandatory; knowledge of German is an advantage.

This job is located in Munich. We welcome applicants who are available from February 2021 (or as soon as possible thereafter).

If you think you have what it takes for this job, please send your CV together with a letter of motivation (both in English and in Word) to Mr Yannik Dubois, by clicking on the button "Apply for this job" quoting job **DE - 4437** before **15-Jan-21**.

An exciting and dynamic international working environment awaits you!

Please note: Due to work permit requirements for this position, please apply only if you are citizen of a European Union state or if you are eligible to obtain a work permit for Germany.