



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 Software Development Engineer to support our customer in the Netherlands.

Software Development Engineer

Key Tasks and Responsibilities

As part of the Software Technology section at ESTEC you will be assigned to support the preparation and execution of activities related to new technologies in both Ground and Flight areas of the Software Division and of the Advanced Concept Team, you will have the following responsibilities:

- Machine Learning applications for data processing: image processing, anomaly detection, predictive maintenance, support to test, intrusion, threat and malware detection, etc.;
- Autonomous applications: autonomous planning of spacecraft, e.g. automatic selection of observation targets, automatic rendezvous with non-cooperative targets, automatic landing, vehicle systems management, etc.;
- Knowledge representation and reasoning, Natural Language Processing: support to requirements engineering and spacecraft Assembly Integration Test and Validation;
- Verification and Validation of new technologies for their use in space systems;
- Set-up and organisation of scientific machine learning and optimization competitions;

Skills & Experience

You will have the following qualifications and relevant experience:

- University degree or equivalent qualification in Computer Science, Artificial Intelligence, Software Engineering or a related discipline, together with a good experience in the development of Software applications related to the specific tasks of the position;
- Knowledge of Artificial Intelligence technologies and in particular in the area of Machine Learning;
- Knowledge of modelling tools (e.g. Matlab) and libraries (e.g. TensorFlow);
- Fluency in English is mandatory; knowledge of another European language is an advantage.

This job is located in Noordwijk.

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 Ms Agnieszka Iwanczuk, by clicking on the button "Apply for this job" quoting job **NL-HP-4460** before **10-Mar-21**.

An exciting and dynamic international working environment awaits you!