

We are looking for...

Junior Data Scientist (f/m/x)

ANNEA.ai GmbH

Hamburg, Germany / Lisbon, Portugal / Full-Remote is possible

WHO WE ARE

We are ANNEA.ai, a young company based in Hamburg, Germany and in Lisbon, Portugal. We are an international team of engineers, computer scientists, experts in Internet of Things (IoT) and artificial intelligence - with many years of experience, and a strong background in engineering.

Our vision is to save resources for a more sustainable planet. Therefore, we defined our mission to make machinery more efficient through predictive maintenance. Here we focus primarily on renewable energy generation.

We offer end- to-end software-solutions for automated condition-based predictive maintenance for renewable energies. Based on profound domain knowledge, advanced machine learning and sophisticated IoT-techniques we predict future problems in the machines to make renewable energy more competitive to conventional energy generation.

YOUR RESPONSIBILITIES

- Work together with Data Engineers on the implementation of the data preparation pipelines
- Use classical machine learning techniques to create scalable solutions for predictive maintenance and computer vision problems
- Develop new tools using cutting edge technology focusing on efficiency and automation
- Develop processes, techniques, and tools to analyze and monitor model performance while ensuring data accuracy
- Coordinate with various technical/functional teams to implement models and monitor results
- Collaborate with colleagues from science, engineering, and business backgrounds

YOUR QUALIFICATIONS

- Degree (BSc or MSc) in data science, computer science, engineering, mathematics (or comparable field)
- 3 years of experience in Data Science
- Team player mentality & pro-active personality
- A background in reliability theory and predictive maintenance
- Fluent in English is a must. Language skills in German, Portuguese and Spanish are a plus
- Basic knowledge of the Renewable Energy industry
- Experience in Python (with all basic libraries: at least pandas, scikitLearn)
- Experience in working with very large data sets and parallel processing (e.g. Spark or Hadoop, ...)
- Very good theoretical & practical knowledge of common machine learning algorithms (basics: random forests, boosting algorithms, etc.)
- Good theoretical & practical knowledge in neural networks, deep learning, and convolutional neural networks and their implementation in Python (e.g. Keras, etc.)
- Good statistical knowledge, hypothesis testing, model evaluation, etc.
- Cloud computing & cloud architectures - setting up jupyter servers linked to different instances on cloud or on premise

WE OFFER

- Strong focus on R&D
- Freedom to develop & implement your own ideas and learn new things
- A fast-paced, dynamic environment with flat hierarchies in which you can put your skills to the test
- The opportunity to become part of a young team that is redefining the Renewable Energy market
- Offices in the heart of Hamburg and Lisbon
- Remote work possible

YOUR APPLICATION

Call us at +49 (0) 40 22866260 or send us your CV at jobs@annea.ai