

Web Application Development for Machine Learning Labeling

Interdisciplinary Project

Motivation:

At the Gear Research Centre we are conducting widespread tests in the field of drive technology. Amongst other things we are developing an innovative artificial intelligence based condition monitoring system. One challenge is to evaluate gear damage automatically.

Your task:

The goal of this IDP is the development of an advanced web application within a machine learning pipeline. Therefore, you will develop a new application to handle the huge amount of data and provide a labeling user interface for image recognition and time series analysis.

Your profile:

- Interested in advanced web development and machine learning
- Understanding of containers and orchestration helpful
- Coding Skills (e.q. Python, Javascript)
- Highly motivated and responsible
- Fluent in English or German



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Mechanical Engineering



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10.09.2019

