

## Certificate of employment

Mr. Bettouche fulfilled an internship in the development department at Synsor.ai, starting at the 10.05.2021 until the 10.07.2021.

Synsor.ai is a Start-Up that offers software and systems for optical quality inspection through the application of deep learning. Synsor.ai was founded in 2021 and is located in Munich.

Mr. Bettouche was employed in the development department of Synsor.ai and worked on performance improvements of our Neural Networks. His main tasks and contributions were:

- Familiarization with the code base
- Familiarization with necessary software libraries (PyTorch, Albumentations library)
- Improvement of the performance (ROC-AUC) of the neural network for the anomaly detection through usage of different augmentation techniques

Mr. Bettouche has strong knowledge in programming and debugging with Python as well as a good understanding of Neural Networks. Without previous knowledge in data set augmentation and the albumentation library, he made himself familiar with these tools and implemented his tasks independently.

Mr. Bettouche's behavior and appearance was fully satisfactory at all times. His communication skills and constructive collaboration not only positively affected his work results, but also led to exchange and knowledge sharing with other interns.

The internship ended on the 10.07.2021 according to the agreement. We thank Mr. Bettouche for his dedicated commitment and the impactful collaboration. We wish him all the best for her future career and personal life.

Munich, 15.07.2021

**Synsor.ai UG (haftungsbeschränkt)**

Nico Engelmann  
Co-Founder

Benjamin Gosse  
Co-Founder