



Fresh graduate of a **M.Sc. in AI Engineering**, previously graduate of a **B.Sc. in Data Science and Knowledge Engineering**. Combined **2+ years of industry experience** working on projects in the domain of Data Science and AI. **Team and solo projects** involving areas of AI and data science such as image and sound processing and classification, time-series prediction, and sequence classification using NLP techniques. Master thesis consisted of research in computation and ML with 3D objects for robotic arm pick and place.

# Tanguy Legrand

## Data Scientist – Artificial Intelligence Engineer

### Contact

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### General skills

- Artificial Intelligence Engineering
- Machine Learning
- Data Science
- Statistical Analysis
- Deep Learning
- ML on Edge Devices
- Data Preparation
- Agile Methodologies
- Relational Data

### Technical skills

- Python, SPARQL, SQL, Java, MatLab
- GitHub, Jira, Bitbucket, Trello
- Tensorflow, Keras, pandas, numpy, Matplotlib, OpenCV, Scikit-learn, Python notebooks

### Languages

- French – Native (C2)
- English – Proficient (C1)
- German – Basic (A1)

### Education

**M.Sc. in AI engineering**  
Jönköping University, Sweden

09/2020 to 07/2022

**B.Sc. in Data Science and Knowledge Engineering (AI)**  
Maastricht University, The Netherlands

09/2017 to 07/2020

### Professional experience

#### AI consultant – Nord AI

01/2022 to present

- Research and prototyping of potential solutions in the domain of NLP.
- Usage of Transformer Networks and Transfer Learning using the python libraries HuggingFace and Tensorflow.
- Research and experimenting on ML for edge devices, such as model reduction and optimization using Tensorflow Lite.
- Text data creation, collection, and labeling for an in-house solution.
- Deployment of ML models in the cloud.

01/2022 to 07/2022

#### AI engineer (thesis collaboration) – ABB AB

- Research and development of a process to automate grasp synthesis for object grasping with a robotic arm.
- Created a process involving innovative processing of point cloud and mesh representations of 3D objects, and usage of ML on point clouds.

10/2021 to 12/2021

#### Intern – Cyberdyne

- Created a flexible reporting function for a cybersecurity software.

09/2018 to 07/2020

#### Junior Data Scientist - APG

- Research on different problems in the field of data science and AI to create innovative solutions using SOTA techniques.
- Collaboration with programmers to create intelligent solutions to given problems in structured projects.
- Mentored on the development of soft skills such as public speaking, project presentation, project documentation, quality management, etc.