



FLORIAN WOLF

MACHINE LEARNING ENGINEER

DETAILS

ADDRESS

Amstelveen
Netherlands

PHONE

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EMAIL

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LINKS

[Github](#)

[LinkedIn](#)

[PapersWithCode](#)

SKILLS

Machine Learning



Computer Vision



Blockchain



Agile Development

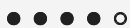


CODE

Python



C++



Rust



SQL



TEAM

Git

Docker

Microsoft Azure

Creative mind, enthusiast and quick learner with research affinity for 'geometric (graph) deep learning'.

EMPLOYMENT HISTORY

Data Scientist, Entis

Utrecht

Apr 2021 — Oct 2021

Developing a classification framework for sustainability of companies:

- Database analysis, data cleaning and augmentation in Databricks
- Few-shot learning of language models for classification of the UN SDGs
- Maintenance of ML life-cycle in Azure and MLFlow

ML Engineer, AIHEROS

Amsterdam

Feb 2021 — Apr 2022

Developer at AIHEROS in Amsterdam, Netherlands

Transfer learning project on the 'inversecoking' model by Facebook:

- ResNet50 and Bert customization
- Transfer learning to a Portuguese dataset
- Self-supervised label matching

Work Student, Deloitte

Amsterdam

Sep 2019 — Jan 2021

Development work within the Digital Risk Solutions Team. Involved projects:

- AppLab: Face detection and recognition
- RegMiner: Data augmentation and week supervision training
- RegMiner: NLP multi-label document classification

EDUCATION

Robotics & AI Summer School, University Polytechnic of Catalunya

Jun 2021 — Jul 2021

AI Summer School for Autonomous Driving, TomTom

Amsterdam

Aug 2019 — Sep 2019

MSc Artificial Intelligence, University of Amsterdam

Amsterdam

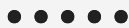
Sep 2018 — Jan 2021

Focus: Graph/Representation Learning, Geometric Deep Learning

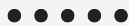
Thesis with Deloitte: Variational Bayes on Knowledge Graphs

FRAMEWORKS

PyTorch



Tensorflow



Apache Spark



LANGUAGES

English



German



Spanish



Dutch



HOBBIES

Guitar, Sketching,
Nature Hikes

FUN FACTS

Eats kiwis with peel

Won a presentation
contest at age 7 reading
Harry Potter

Enjoys swimming in ice
water

Planted 5 trees. One
already 7m tall

REFERENCES

Marc Verdonk from Deloitte

mverdonk@deloitte.com

Peter Bloem from UvA

p@peterbloem.nl

Self-driving car Engineer, Udacity

Dec 2016 — Nov 2017

Covering computer vision, robot control, localization, path planning and machine learning.

Capstone Project: Autonomous vehicle's ROS implementation with test-drive.

Scholarship, DAAD

Jul 2014 — Jul 2015

for competing at Baja SAE (off-road vehicle engineering challenge)

at UNIMEP (Universidade Metodista de Piracicaba), Brasil

BSc Mechanical Engineering, TU Darmstadt

Darmstadt

Oct 2012 — Oct 2016

Thesis on 3D-Printing: Controlling Fused Deposition Modeling Processes

INTERSHIPS

Project AI, Shell

Amsterdam

Jun 2019 — Jul 2019

Autonomous drone for damage detection on off-shore platforms:

- AWS boilerplate for PyTorch models on the DeepLens camera
- Post-processing and encoding of camera images
- Training and deploying of ResNet18 and YOLOv3 as object detector

Engineering Intern, Odebrecht

Sao Paulo

Mar 2015 — Jul 2015

Full-time intern at the engineering department, responsibilities included:

- CAD design and counterweight calculations of heavy lifting projects
- Rigging and lifting course development
- Supervision of heavy lifting projects at construction sites

Research Assistant, TU Darmstadt

Darmstadt

Oct 2013 — Jul 2014

Assisting research for Prof. Abele on crash protection of milling machines:

- CNC programming of the milling machine
- Mounting and maintaining machine tools
- Resonance frequency analysis and crash tests

EXTRA-CURRICULAR ACTIVITIES

Student Activists, Amnesty International

Amsterdam

Nov 2018 — Apr 2020

Volunteering activities, & political statements on human rights.

Project Lead, MediaLab Prado

Madrid

'Interactivos' workshop for creating interactive art with programmable gadgets.

Volunteer, AIESEC

Darmstadt

Oct 2012 — Oct 2013

Member of the outgoing-exchange team with admin responsibilities.
