Daniel Kohlsdorf

Kurfürstenallee 7
28211 Bremen, Germany
+49 176 64219208
dkohlsdorf@gmail.com

EXPERIENCE

Meta, London (Remote) — *Senior Software Engineer*
2022 Present

- Software Engineer for Machine Learning

Wild Dolphin Project, Florida — *Data Scientist*
2020- 2022

- Deep Learning for Audio Dolphin Communication

Shopify, Berlin — Senior *Data Scientist*
2021- 2022

- Data Science for e-commerce
- Machine Learning for advertisement systems

New Work SE (Formerly known as Xing), Hamburg — *Senior Data Scientist*
2015 - 2021

- Machine learning for recommender systems with a focus on job recommendations
- Work on a ranking component using Gradient Boosted Trees
  Work on similarity search for jobs postings based on Word2Vec
- Hosted and implemented part of the recommender systems challenge 2016/2017

Georgia Tech, Atlanta — *Graduate Research Assistant*
2012 - 2015

- Unsupervised machine learning for dolphin communication analysis
- Learning convolutional features for audible dolphin signals using k-means
- Unsupervised segmentation for dolphin signals using hidden Markov models

Team Neusta, Bremen — *Software Developer*
2011 - 2012

- Android and iOS Development
- Rule Based AI Systems

SKILLS

Machine Learning, Java, SQL, Scala, C++, Python, Artificial Intelligence, Hive and Spark.

CERTIFICATIONS

Udacity Self Driving Car Engineering Nanodegree.

Udacity Natural Language Processing Nanodegree.

Deeplearning.ai Deep Learning Specialization

Deeplearning.ai Tensorflow Specialization

LANGUAGES

German, English

PORTFOLIO

Web

Github

Linkedin

Google Scholar

Xing

University Bremen, Bremen — *Student Researcher and Research Assistant*

2007 - 2015

- Wearable Computing Systems and Gesture Recognition
- Machine Learning For Robots

EDUCATION

Georgia Tech, Atlanta — *PhD in Computer Science (Specialization in Intelligent Systems)*

2012-2015

- Thesis on machine learning for dolphin communication supervised by Thad Starner
- Class work focused on machine learning, computer vision and web systems and speech processing

Uni Bremen, Bremen — *Diplom Informatik*

2007-2011

- Thesis on gesture recognition
- Class work focused on artificial intelligence and web systems as well as mobile and wearable computing