

Daniel Kohlsdorf

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EXPERIENCE

Wild Dolphin Project, Florida — *Data Scientist*

2020- Present

- Deep Learning for Audio Dolphin Communication

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

2015 - Present

- 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

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

2007 - 2015

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

SKILLS

Machine Learning, Java, 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](#)

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 in gesture recognition