

# Daniel Kohlsdorf

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## EXPERIENCE

### Hive App Berlin (Remote) — *Staff Data Scientist*

2025-present

- Staff Data Scientist for logistics
- Forecasting, Predictions and LLMs

### Meta, London (Remote) — *Senior Software Engineer*

2022-2025

- Software Engineer for Machine Learning
- Work on Ads Ranking / Targeting Systems

### Wild Dolphin Project, Florida — *Data Scientist*

2020-2022

- Work on 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

## 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](#)

## **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

## **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