

# Sven Meinhardt

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## Personal Summary:

After working in mathematical research at top universities for 15 years, I have started a new career in the fast growing field of Artificial Intelligence. Being a quick learner and having a deep background in mathematics and statistics, it only took me a few months to become familiar with the techniques used in Natural Language Processing, Computer Vision and Deep Reinforcement Learning. As a stable and reliable deployment of AI models is crucial for the success of a company's AI strategy, I have also studied deployment options using cloud platforms and Kubernetes clusters. In addition I also offer experience in teaching people and in leading research groups. Following up with the latest developments and applying it to my own work to push the limits is also a skill I have learned in my successful research career.

## Education:

- 2005-2008:** PhD in Mathematics with the overall grade 'magna cum laude' at the Rheinische Friedrich–Wilhelms University in Bonn
- 1999-2005:** Diploma in Mathematics and a Pre-Diploma in Physics with an overall grade of 1.0 at the Humboldt University in Berlin
- 1992-1998:** Abitur (A-Level equivalents) with an overall grade of 1.0 at the Gottfried–Arnold Gymnasium (Grammar School) in Perleberg

## Employment:

- Oct 2016 - May 2020:** Research Associate at the University of Sheffield
- Jan 2013 - Sep 2016:** Postdoc at the Bergische University in Wuppertal
- Sep 2012 - Dec 2012:** Postdoc at the Hausdorff Institute for Mathematics in Bonn
- Oct 2010 - Aug 2012:** Postdoc at the Rheinische Friedrich–Wilhelms University in Bonn
- Apr 2009 - Sep 2010:** Postdoc at the University of Oxford
- May 2008 - Mar 2009:** Postdoc at the Rheinische Friedrich–Wilhelms University in Bonn

## IT Skills:

- **Tasks:** Natural Language Processing, Computer Vision, Recommender Systems, Deep Reinforcement Learning
- **Machine Learning Libraries:** TensorFlow, Scikit Learn, Keras
- **Data Science Libraries:** Pandas, Apache Spark
- **Programming Languages:** Python, SQL
- **AI Platforms:** Google Cloud Platform, IBM Watson Studio
- **Others:** Docker, Kubernetes, Latex, Linux

## Certificates:

- TensorFlow Developer Certificate by TensorFlow. Earned at 05/26/2020
- AI for Medicine on Coursera. Certificate earned at 09/20/2020
- Natural Language Processing on Coursera. Certificate earned at 09/29/2020
- Machine Learning by Stanford University on Coursera. Certificate earned at 03/14/2020
- Machine Learning for Trading by Google Cloud & New York Institute of Finance on Coursera. Certificate earned at 06/09/2020
- Advanced Machine Learning with TensorFlow on Google Cloud Platform by Google Cloud on Coursera. Certificate earned at 04/28/2020
- Machine Learning with TensorFlow on Google Cloud Platform by Google Cloud on Coursera. Certificate earned at 04/19/2020
- TensorFlow in Practice by deeplearning.ai on Coursera. Certificate earned at 04/03/2020
- Deep Learning by deeplearning.ai on Coursera. Certificate earned at 04/01/2020
- Data and Deployment by deeplearning.ai on Coursera. Certificate earned at 05/02/2020
- IBM AI Engineering by IBM on Coursera. Certificate earned at 04/10/2020

## Personal:

- Speaks German (native) and English (fluent)
- Likes playing the piano and the guitar
- Tries to stay fit by running or doing gym workouts
- Is a big home cinema fan
- Likes to build PCs and setting up servers
- Struggles to resist buying tech gadgets