

# Curriculum Vitae

## Personal Information

Name	Hinz, Tobias
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Google Scholar	<a href="https://scholar.google.de/citations?user=SugTw28AAAAJ">https://scholar.google.de/citations?user=SugTw28AAAAJ</a>
Github	<a href="https://github.com/tohinz/">https://github.com/tohinz/</a>

## Education

April 2017 – Present Doctor of Philosophy	PhD Student, <a href="#">Knowledge Technology</a> University of Hamburg, Germany Topic: Generative Neural Models for Concept And Scene Understanding
October 2014 – November 2016 Master of Science	<a href="#">M.Sc. Intelligent Adaptive Systems (IAS)</a> University of Hamburg, Germany Final Grade: 1.09 (best IAS degree of 2016)
September 2011 – July 2014 Bachelor of Science	B.Sc. Business Information Systems University of Mannheim, Germany Final Grade: 1.6 (among best 10%)
August 2013 – January 2013	Semester abroad (student exchange) National University of Singapore
2001 – 2010 High-School	General Qualification for University Entrance Schubart Gymnasium Ulm, Germany

## Experience

January 2021 – Present	<a href="#">Machine Learning Research Engineer at Adobe Research</a> Working on generative models within the Computational Artistry Team
January 2019 – December 2020	<a href="#">Research Associate with the Crossmodal Learning Project</a> Subprojects A5 and C4: crossmodal learning with visual and textual data
June 2020 – September 2020	Research Intern at <a href="#">Adobe Research</a> Working on generative models within the Creative Intelligence Lab
July 2019 – August 2019	<a href="#">Deep Learning and Reinforcement Learning Summer School</a> Two weeks summer school about DL and RL, organized by CIFAR
July 2019	<a href="#">Eastern European Machine Learning Summer School</a> One week summer school about DL and RL, organized by DeepMind
January 2016 – March 2017	Research Assistant with the University of Hamburg Neural Models for NLP, Knowledge Technology Group
November 2014 – March 2017	Employee at Sprinkenhof GmbH, Hamburg Support and administration of all IT equipment
July – September 2014	Work and Travel, Melbourne, Australia
February 2012 – June 2014	Student Assistant with the University of Mannheim Teaching Assistant at the Chair of Software Engineering System Administrator at the Business Computer Pool

## Awards and Scholarships

May 2019  
April 2017 – December 2018  
July 2018  
January 2017  
August 2013 – January 2014

ICLR Travel Award, New Orleans, USA  
Doctoral Scholarship, University of Hamburg  
IEEE CIS Travel Award for the WCCI, Rio de Janeiro, Brazil  
Award: Best IAS Degree of 2016  
DAAD Scholarship for Semester Abroad

## Selected Publications

WACV 2021

Tobias Hinz, Matthew Fisher, Oliver Wang, and Stefan Wermter:  
"Improved Techniques for Training Single Image GANs", IEEE  
Winter Conference on Applications of Computer Vision, 2021

TPAMI 2020

Tobias Hinz, Stefan Heinrich, and Stefan Wermter:  
"Semantic Object Accuracy for Generative Text-to-Image  
Synthesis", IEEE Transactions on Pattern Analysis and Machine  
Intelligence, 2020

ICLR 2019

Tobias Hinz, Stefan Heinrich, and Stefan Wermter:  
"Generating Multiple Objects at Spatially Distinct Locations",  
International Conference on Learning Representations, 2019

IJCNN 2018

Tobias Hinz and Stefan Wermter: „Image Generation and  
Translation with Disentangled Representations“, IEEE  
International Joint Conference on Neural Networks, 2018

IJCIA 2018

Tobias Hinz, Nicolás Navarro-Guerrero, Sven Magg, and  
Stefan Wermter: „Speeding Up the Hyperparameter  
Optimization Of Deep Convolutional Neural Networks“,  
International Journal of Computational Intelligence and  
Applications, 2018

## Reviewing Service

Journals

IEEE TPAMI, IEEE Trans. SMC: Systems  
IEEE Trans. Aff. Comp., IEEE Access  
Neurocomputing

Conferences

ICLR, CVPR, IROS, WACV

## Languages

German (native)  
English (fluent)

Hamburg, January 2021

Tobias Hinz