Curriculum Vitae

Personal Information

Name	Hinz, Tobias
E-Mail	tob.hinz@gmail.com
Personal Website	https://www.tobiashinz.com
LinkedIn	https://www.linkedin.com/in/tobias-hinz-397881123
Google Scholar	https://scholar.google.de/citations?user=SugTw28AAAAJ
Github	https://github.com/tohinz/

Education

April 2017 – April 2021
Doctor of Philosophy
PhD, Knowledge Technology
University of Hamburg, Germany
Thesis: *Disentanglement, Compositionality, Specification: Representation Learning with Generative Adversarial Networks*

October 2014 – November 2016
Master of Science
M.Sc. Intelligent Adaptive Systems (IAS)
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
Machine Learning Research Engineer at Adobe Research
Working on generative models within the Computational Artistry Team

January 2019 – December 2020
Research Associate with the Crossmodal Learning Project
Subprojects A5 and C4: crossmodal learning with visual and textual data

June 2020 – September 2020
Research Intern at Adobe Research
Working on generative models within the Creative Intelligence Lab

July 2019 – August 2019
Deep Learning and Reinforcement Learning Summer School
Two weeks summer school about DL and RL, organized by CIFAR

July 2019
Eastern European Machine Learning Summer School
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	ICLR Travel Award, New Orleans, USA
April 2017 – December 2018	Doctoral Scholarship, University of Hamburg
July 2018	IEEE CIS Travel Award for the WCCI, Rio de Janeiro, Brazil
January 2017	Award: Best IAS Degree of 2016
August 2013 – January 2014	DAAD Scholarship for Semester Abroad

Selected Publications

Under Review	Tobias Hinz, Matthew Fisher, Oliver Wang, Eli Shechtman, and Stefan Wermter: "CharacterGAN: Few-Shot Keypoint Character Animation and Reposing", Under Review, 2021
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
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, ICCV, IROS, WACV

Languages

German (native)
English (fluent)

Hamburg, April 2021

Tobias Hinz