

# Curriculum Vitae

## Personal Information

|                  |   |
|------------------|---|
| Name             | Hinz, Tobias  |
| Address          | Universität Hamburg, Knowledge Technology<br>Vogt-Koelln-Str. 30<br>22527 Hamburg, Germany                                |
| Telephone        | +49 40 42883-2523   |
| E-Mail           | tob.hinz@gmail.com  |
| Personal Website | <a href="https://www.tobiashinz.com">https://www.tobiashinz.com</a>   |
| LinkedIn         | <a href="https://www.linkedin.com/in/tobias-hinz-397881123">https://www.linkedin.com/in/tobias-hinz-397881123</a>         |
| 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

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

## Experience

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|----------------------------|--|
| January 2019 – Present     | Research Associate with the Crossmodal Learning Project<br>Subprojects A5 and C4: crossmodal learning with visual and textual data                                 |
| June 2020 – September 2020 | Research Intern at Adobe Research<br>Working on generative models within the Creative Intelligence Lab   |
| July 2019 – August 2019    | Deep Learning and Reinforcement Learning Summer School<br>Two weeks summer school about DL and RL, organized by CIFAR  |
| July 2019                  | Eastern European Machine Learning Summer School<br>One week summer school about DL and RL, organized by DeepMind   |
| January 2016 – March 2017  | Research Assistant with the University of Hamburg<br>Neural Models for NLP, Knowledge Technology Group   |
| November 2014 – March 2017 | Employee at Sprinkenhof GmbH, Hamburg<br>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<br>Teaching Assistant at the Chair of Software Engineering<br>System Administrator at the Business Computer Pool |
| July – August 2012         | Daimler AG, Research and Development Telematics<br>Development of software to evaluate In-Car DAB radio performance data   |

## 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 Conferences 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

2020 Journals  
Conferences

IEEE TPAMI, IEEE Trans. SMC: Systems  
IROS, WACV, ICLR

2019 Journals  
Conferences

IEEE Trans. Aff. Comp., IEEE Trans. SMC: Systems,  
IEEE Access, IJCIA  
IROS

2018 Journals  
Conferences

Neurocomputing  
IROS, ICDL-EPIROB

## Languages

German (native)  
English (fluent)

Tobias Hinz

Hamburg, October 2020

