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Simon Meister

Research Interests

Deep Learning, Deep Reinforcement Learning

Education

2014–Present **B.Sc. Computer Science** (expected), *Technische Universität Darmstadt*, Germany.

Publications

Peer-Reviewed Conference Papers

- [1] S. Meister, J. Hur, and S. Roth. [UnFlow: Unsupervised Learning of Optical Flow with a Bidirectional Census Loss](#). In *AAAI Conference on Artificial Intelligence (AAAI)*, New Orleans, Louisiana, Feb. 2018. **Oral presentation**. [GitHub](#).

Bachelor thesis

title *Motion R-CNN: Instance-level 3D Motion Estimation with Region-based CNNs*
supervisors Professor [Stefan Roth](#) & M.Sc. [Junhwa Hur](#)

Honors & Awards

2013 **Christian Ernst Neef-Preis**, [Physikalischer Verein Frankfurt](#).

Awarded by the Frankfurt physical society for work on massively parallel physics simulations conducted during the "Jugend forscht" youth science competition (national level).

Technical Experience

Advanced Python, NumPy, C, C++, TensorFlow, PyTorch, Linux, Git
Intermediate \LaTeX , CUDA, OpenGL, Matlab, Java, Julia, Lua

Biographic Information

Date of Birth November 13, 1993
Citizenship German
Languages English (fluent), German (native)

Formative Courses

Technische Universität Darmstadt

Statistical Machine Learning (1.0), Computer Vision 1 (1.0), Project Lab Deep Learning for Computer Vision (1.0), Deep Learning for Natural Language Processing (1.7)

Online

Machine Learning, *Andrew Ng*, [Stanford University](#).