

YONGQIN XIAN

Max Planck Institut for Informatics ◊ Saarland Informatics Campus ◊ Saarbrücken ◊ GERMANY
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EDUCATION

Max Planck Institute Informatics, Germany Postdoc	<i>2020-Now</i>
Max Planck Institute Informatics, Germany PhD (summa cum laude) in Computer Science	<i>2016-2020</i>
Saarland University, Germany MSc (Honors degree) in Computer Science	<i>2013-2016</i>
Beijing Institute of Technology, China BSc in Computer Science	<i>2009-2013</i>

PUBLICATIONS

Attribute Prototype Network for Zero-Shot Learning <i>Conference on Neural Information Processing Systems (NeurIPS)</i> Wenjia Xu, Yongqin Xian , Jiuniu Wang, Bernt Schiele, Zeynep Akata	2020
Analyzing the Dependency of ConvNets on Spatial Information <i>The German Conference on Pattern Recognition (GCPR)</i> Yue Fan, Yongqin Xian , Max Maria Losch, Bernt Schiele	2020
Generalized Many-Way Few-Shot Video Classification <i>ECCV Workshop on Imbalanced Problem in Computer Vision</i> Yongqin Xian , Bruno Korbar, Matthijs Douze, Bernt Schiele, Zeynep Akata, Lorenzo Torresani	2020
f-VAEGAN-D2: A Feature Generating Framework for Any-Shot Learning <i>IEEE Computer Vision and Pattern Recognition (CVPR) Conference</i> Yongqin Xian , Saurabh Sharma, Bernt Schiele, Zeynep Akata	2019 <i>Long Beach, CA</i>
Semantic Projection Network for Zero- and Few-Label Semantic Segmentation <i>IEEE Computer Vision and Pattern Recognition (CVPR) Conference</i> Yongqin Xian* , Subhabrata Choudhury*, Yang He, Bernt Schiele, Zeynep Akata	2019 <i>Long Beach, CA</i>
Zero-Shot Learning – A Comprehensive Evaluation of the Good, the Bad and the Ugly <i>IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)</i> Yongqin Xian , Christoph H. Lampert, Bernt Schiele, Zeynep Akata	2018
Feature Generating Networks for Zero-Shot Learning <i>IEEE Computer Vision and Pattern Recognition (CVPR) Conference</i> Yongqin Xian , Tobias Lorenz, Bernt Schiele, Zeynep Akata	2018 <i>Salt Lake City, UT</i>
Zero-Shot Learning - The Good, the Bad and the Ugly <i>IEEE Computer Vision and Pattern Recognition (CVPR) Conference</i> Yongqin Xian , Bernt Schiele, Zeynep Akata	2017 <i>Hawaii, HI</i>
Latent Embeddings for Zero-shot Classification <i>IEEE Computer Vision and Pattern Recognition (CVPR) Conference</i> Yongqin Xian , Zeynep Akata, Gaurav Sharma, Quynh Nguyen, Matthias Hein, Bernt Schiele	2016 <i>Las Vegas, NV</i>

RESEARCH EXPERIENCE

Facebook AI Research January 2019 - April 2019
Research Intern with Prof. Lorenzo Torresani Cambridge, USA

- Few-shot video understanding

Max Planck Institute for Informatics January 2016 - Now
PhD condidate with Prof. Bernt Schiele and Prof. Zeynep Akata Saarbrücken, Germany

- Zero-shot and few-shot learning.

Machine Learning Group of Saarland University April 2014 - October 2014
Research Immersion Lab with Prof. Matthias Hein Saarbrücken, Germany

- Motion segmentation with hypergraph cut

TEACHING, SUPERVISION AND TRAINING EXPERIENCE

TA for Machine Learning Course (Prof. Matthias Hein), Saarland University	Oct 2015 - Mar 2016
Invited Student at Google's 2nd Computer Vision Summit, Zurich, Switzerland	Sep. 2018
Computer Vision Summer School , Sicily, Italy	July 2018
Machine Learning Summer School , MPI Intelligent Systems, Germany	July 2015
Software Engineer Intern at Oracle Inc., Beijing, China	June-Dec. 2012
Master Thesis of Yue Fan (now PhD student at MPII)	2019
Master Thesis of Subhabrata Choudhury (now PhD student at Oxford University)	2018
Bachelor Thesis of Tobias Lorenz (now MSc student at ETH Zürich)	2017

ACADEMIC ACTIVITIES AND INVITED TALKS

Reviewer in International Conference on Machine Learning (ICML)	2020
Reviewer in Conference on Neural Information Processing Systems (NIPS)	2018-20
Reviewer in IEEE Computer Vision and Pattern Recognition Conference (CVPR)	2018-20
Reviewer in Transactions on Pattern Analysis and Machine Intelligence (TPAMI)	2017-20
Invited Talk at Computer Science Department, Wuhan University	May 2019
Invited Talk at UvA-Bosch Delta Lab, University of Amsterdam	May 2018
Invited Talk at Continuous and Open-Set Learning Workshop, CVPR 2017	July 2017
Invited Talk at Vision Meets Cognition Workshop, CVPR 2017	July 2017
Invited Talk at Embeddings and Metric Learning Tutorial, GCPR 2016	Sep. 2016
Spotlight Talk at main conference of CVPR 2016	June 2016

AWARDS

Doctoral Consortium	CVPR, 2020
Chinese Government Award for Outstanding Self-Financed Students Abroad	CSC, 2018
Qualcomm Innovation Fellowship Finalist	Qualcomm, Amsterdam, 2018
Master Degree with Honors	Saarland University, Germany, 2016
Graduate Fellowship	Saarland University, Germany, 2013-15
Excellent Student Scholarship	Beijing Institute of Technology, China, 2009-13
Third Class Honor of Chinese Science Cup	Chinese Academy of Science, China, 2011

SPOKEN LANGUAGES

Chinese	Maternal	English	Proficiency	German	Beginner
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