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□□□□□□□ (Technische Universität München)
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Jun. 2017 - July. 2021

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Sep. 2014 - Mar. 2017

- □□ 85.38 (major GPA: 3.42), □□□□□□□□□

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□□□□
Sep. 2010 - Jul. 2014

- □□ 89.50 (major GPA: 3.58), □□□□□□□□□

Publications

Self-supervised Latent Space Optimization with Nebula Variational Coding

T-PAMI (final revision)

YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI

2021

SoftPool++: An Encoder-Decoder Network for Point Cloud Completion

Int. J. Comput. Vis. (final revision)

YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI

2021

SoftPoolNet: Shape Descriptor for Point Cloud Completion and Classification

Euro. Conf. Computer Vision (oral)

YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI

<u>*online demo*</u> *2020*

Structure-SLAM: Low-Drift Monocular SLAM in Indoor Environments

IEEE/RSJ Int. Conf. Intelligent Robots and Systems

YANYAN LI, NIKOLAS BRASCH, YIDA WANG, NASSIR NAVAB, FEDERICO TOMBARI

2020

ForkNet: Multi-branch Volumetric Semantic Completion from a Single Depth Image

IEEE Int. Conf. Computer Vision

YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI

<u>*online demo*</u> *2019*

Variational Object-aware 3D Hand Pose from a Single RGB Image

IEEE Robot. Autom. Lett.

YIDA WANG, YAFEI GAO, PIETRO FALCO, NASSIR NAVAB, FEDERICO TOMBARI

<u>*online demo*</u> *2019*

Adversarial Semantic Scene Completion from a Single Depth Image

IEEE Int. Conf. 3D Vision

YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB AND FEDERICO TOMBARI

<u>*online demo*</u> *2018*

Generative Model with Coordinate Metric Learning for Object Recognition Based on 3D Models

IEEE Trans. Image Processing

YIDA WANG AND WEIHONG DENG

2018

ZigzagNet: Efficient Deep Learning for Real Object Recognition Based on 3D Models

Asian Conf. Computer Vision

YIDA WANG, CAN CUI AND WEIHONG DENG

2016

Self-restraint Object Recognition by Model Based CNN Learning

IEEE Int. Conf. Image Processing

YIDA WANG AND WEIHONG DENG

2016

CNTK on Mac: 2D Object Restoration and Recognition Based on 3D Model *Microsoft Faculty Summit 2016*

Yida Wang

[link](#) 2016

Large-Scale 3D Shape Retrieval from ShapeNet Core55 *EG 2016 workshop on 3D*

Co-author

2016

Tutorial on 3D object pose estimation & super resolution *OpenCV 3 and 4*

Yida Wang, Manuele Tamburrano and Stefano Fabri

[link](#) 2015, 2019

Face Recognition Using Local PCA Filters *CCBR 2015*

Yida Wang, Shasha Li, Jiani Hu and Weihong Deng

2015

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2020	□□, MLH Fellowship	*□□□□□*
2020	□□, □□□□□□□□□□□□□	*□□□□□*
2017 - 2020	□□, TUM □□□□	*□□□□□*
2018-2019	□□, Bleence Research Fellowship	*□□□□□*
2016	□□, □□□□□	*□□, □□*
2016	□□□, □□□□□	*□□, □□*
2016	□□□, □□□□□□□	*□□□□□*
2016	□□, □□□□□	*□□, □□*
2015	□□, □□□□□□□□□	*□□, □□*
2015	□□□ 50, □□□□□□□	*□□, □□*
2015	□□, □□□□□	*□□, □□*
2014	□□, □□□□□□□□□	*□□, □□*
2013	□□□, SCILAB Scientific open source Contest	*□□, □□*
2009	□□□□□□□, □□□□□□□□□□□□□	*□□, □□*
2014, 2016	□□□□, □□□□□□□□□ 400□400 □□3000	*□□, □□*
2015	□□, □□□□□□□□	*□□, □□*

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Facebook *□□□, □□*

Research Intern *Jun. 2021 - Nov. 2021*

• 3D □□□□

Google (OpenCV) *□□, □□*

Software Engineer *Apr.- Sep. 2015, 2016, 2019*

• Google □□□□□□□□□□□□□□□□tiny-dnn□ OpenCV. □□□□: [3D multi-task learning](#) and [tiny-dnn](#) on iOS.

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□□□	C/C++, Python, LaTeX, CUDA, Matlab, Scilab, shell, markdown
□□□□/□□□□	Bayesian Inference, Tensor Algebra, Deep Learning, 3D Vision
□□	□□ (TOEFL: 92 & CET-6: 552), □□

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□□ *Oct. 2017 - Mar. 2018*

• Foundations of Computer Vision
• Recent Trends in 3D Computer Vision and Deep Learning
• Deep Generative Models

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□□ *Sep. 2014 - Mar. 2017*