



王一达

计算机科学博士 • 计算机视觉和机器学习

德国, 慕尼黑

☎ (+49) 178-127-9929 | ✉ yida.wang@tum.de | 🏠 wangyida.github.io | 📱 wangyida | 📧 yida-wang | 🔗
Yida Wang | 📧 wangyida123@outlook.com

教育背景

Technische Universität München *Germany*

Ph.D. in Computer Science

Beijing University of Posts and Telecommunications *PRC*

M.Sc.Eng. in Electronics and Communication Engineering - major GPA: 3.42

Beijing University of Posts and Telecommunications *PRC*

B.Sc. in Communication Engineering - major GPA: 3.58

出版物

- [1] **Learning Local Displacements for Point Cloud Completion**
YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI, [CVPR 2022](#)
- [2] **Self-supervised Latent Space Optimization with Nebula Variational Coding**
YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI, [T-PAMI 2022](#)
- [3] **SoftPool++: An Encoder-Decoder Network for Point Cloud Completion**
YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI, [IJCV 2022](#)
- [4] **SoftPoolNet: Shape Descriptor for Point Cloud Completion and Classification**
YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI, [ECCV 2020 ORAL](#) [DEMO](#)
- [5] **Structure-SLAM: Low-Drift Monocular SLAM in Indoor Environments**
YANYAN LI, NIKOLAS BRASCH, YIDA WANG, NASSIR NAVAB, FEDERICO TOMBARI, [IROS-RAL 2020](#)
- [6] **ForkNet: Multi-branch Volumetric Semantic Completion from a Single Depth Image**
YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB, FEDERICO TOMBARI, [ICCV 2019](#)
- [7] **Variational Object-aware 3D Hand Pose from a Single RGB Image**
YIDA WANG, YAFEI GAO, PIETRO FALCO, NASSIR NAVAB, FEDERICO TOMBARI, [ICRA-RAL 2019](#) [DEMO](#)
- [8] **Adversarial Semantic Scene Completion from a Single Depth Image**
YIDA WANG, DAVID JOSEPH TAN, NASSIR NAVAB AND FEDERICO TOMBARI, [3DV 2018](#) [DEMO](#)
- [9] **Generative Model with Coordinate Metric Learning for Object Recognition Based on 3D Models**
YIDA WANG AND WEIHONG DENG, [TIP 2018](#)
- [10] **ZigzagNet: Efficient Deep Learning for Real Object Recognition Based on 3D Models**
YIDA WANG, CAN CUI AND WEIHONG DENG, [ACCV 2016](#)
- [11] **Self-restraint Object Recognition by Model Based CNN Learning**
YIDA WANG AND WEIHONG DENG, [ICIP 2016](#)
- [12] **Large-Scale 3D Shape Retrieval from ShapeNet Core55**
CO-AUTHORED, [EG 2016](#)

[13] **Face Recognition Using Local PCA Filters**
YIDA WANG, SHASHA LI, JIANI HU AND WEIHONG DENG, CCBR 2015

荣誉奖项

2019	Award , 国家优秀留学生奖学金 → 德国地区前 25	Munich, Germany
2017-2021	Fellowships , [1] MLH, [2] TUM research and [3] Bleence research	Munich, Germany
2017	Award , 北京市优秀硕士毕业生	Beijing, PRC
2016	Award , 国家奖学金	Beijing, PRC
2016	1st 等奖, 北邮创新奖	Beijing, PRC
2016	2nd 等奖, 微软全球开源挑战赛	Redmond, U.S.A
2016	Award , 1 st rank BUPT scholarship	Beijing, PRC
2015	决赛, 天池大数据竞赛 → 7000 队前 50	Hangzhou, PRC
2015	Award , 1 st rank BUPT scholarship	Beijing, PRC
2014	Award , 北京市优秀本科毕业生	Beijing, PRC
2013	1st 等奖, SCILAB 开源仿真竞赛	Hefei, PRC
2009	全国 3rd 等奖, 全国高中数学竞赛	Dalian, PRC
2009	省 1st 等奖, 全国高中化学竞赛	Shenyang, PRC
2009	市 2nd 等奖, 全国高中物理竞赛	Shenyang, PRC
2016	金牌, 首都高校田径运动会 4×400	Beijing, PRC
2014	铜牌, 首都高校田径运动会 3000 米障碍	Beijing, PRC
2015	铜牌, 北京国际铁人三项	Beijing, PRC

工作经历

Facebook Reality Lab Research	Seattle, USA
RESEARCH INTERN	Jun. 2021 - Oct. 2021
• Single-view semantic 3D eye reconstruction for eye tracking	
Microsoft Research	Redmond, USA
PRIZE WINNER	Apr. 2016 - May 2016
• Multi-thread deep learning for CNTK, getting awarded as global 2 nd prize in Microsoft Faculty Summit for open source challenge.	
Google & OpenCV	Beijing, PRC
SOFTWARE ENGINEER	Apr. 2015 - Sep. 2016
• Initial developer for tiny-dnn as deep learning backend for OpenCV, with use case e.g. 3D multi-task learning and tiny-dnn on iOS . Contributed 3 modules in OpenCV official library.	

专业能力

计算机语言	C/C++, Python, LaTeX, CUDA, Matlab, Scilab, shell, markdown
模式识别	Bayesian Inference, Tensor Algebra, Deep Learning, 3D Vision
语言	English (TOEFL: 92 & CET-6: 552), Chinese, Deutsch

其他活动

Tutor, Technical University of Munich	Munich, Germany
	Oct. 2017 - Mar. 2018
• Foundations of Computer Vision	
• Recent Trends in 3D Computer Vision and Deep Learning	
• Deep Generative Models	