



王一达

博士 · 计算机科学/信息学

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教育经历

Technische Universität München(慕尼黑工大)

计算机科学博士

德国慕尼黑

Jun. 2017 - July. 2021

北京邮电大学

智能系统和模式识别硕士

北京

Sep. 2014 - Mar. 2017

• 均分 85.38 (主 GPA: 3.42), 北京优秀硕士毕业生

北京邮电大学

通信工程学士

北京

Sep. 2010 - Jul. 2014

• 均分 89.50 (主 GPA: 3.58), 北京优秀本科毕业生

论文-

SoftPoolNet: Shape Descriptor for Point Cloud Completion and Classification

Euro. Conf. Computer Vision (oral)

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

[online demo](#) 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

[online demo](#) 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

[online demo](#) 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

[online demo](#) 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

CO-AUTHOR

EG 2016 workshop on 3D

2016

Tutorial on 3D object pose estimation & super resolution

YIDA WANG, MANUELE TAMBURRANO AND STEFANO FABRI

OpenCV 3 and 4

[link](#) 2015, 2019

Face Recognition Using Local PCA Filters

YIDA WANG, SHASHA LI, JIANI HU AND WEIHONG DENG

CCBR 2015

2015

奖项-

2020	Award , 国家优秀非资助留学生奖学金	Munich, Germany
2017 - 2019	Award , TUM-CAMPAR 博士全奖	Munich, Germany
2018	Award , Bleenco Research Fellowship	Munich, Germany
2016	Award , 国家奖学金	Beijing, PRC
2016	1st prize , 北邮创新奖	Beijing, PRC
2016	2nd prize , 微软开源挑战赛	Redmond, U.S.A
2016	Award , 一等奖学金	Beijing, PRC
2015	Award , 北京市优秀硕士毕业生	Beijing, PRC
2015	Final , 天池大数据竞赛	Hangzhou, PRC
2015	Award , 一等奖学金	Beijing, PRC
2014	Award , 北京市优秀本科毕业生	Beijing, PRC
2013	1st prize , SCILAB Scientific open source Contest	Hefei, PRC
2009	3rd prize , National Mathematics Competition of Senior High School	Dalian, PRC
2009	1st prize , National Chemistry Competition of Senior High School	Shenyang, PRC
2009	2nd prize , National Physics Competition of Senior High School	Shenyang, PRC
2016	Gold medal , Capital College Track and Field Games 4×400	Beijing, PRC
2014	Bronze medal , Capital College Track and Field Games 3000 steeplechase	Beijing, PRC
2015	Bronze medal , 北京国际铁人三项赛	Beijing, PRC

经历-

Bleenco

RESEARCH FELLOW

Munich, Germany

Mar. 2018 -

- Sponsored by Bleenco to exploit novel approaches in computer vision and machine learning.

Google & OpenCV

SOFTWARE ENGINEER

Beijing, PRC

Apr. 2015 - Sep. 2016

- Sponsored by Google to develop tiny-dnn as deep learning backend for OpenCV. Online demos: [3D multi-task learning](#) and [tiny-dnn](#) on iOS.

专业技能

计算机	C/C++, Python, LaTeX, CUDA, Matlab, Scilab, shell, markdown
模式识别/机器学习	Bayesian Inference, Tensor Algebra, Deep Learning, 3D Vision
外语	英语 (TOEFL: 92 & CET-6: 552), 德语

其他活动

CAMPAR, Technical University of Munich

TUTOR

Munich, Germany

Oct. 2017 - Mar. 2018

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

School of Information and Communication Engineering, BUPT

CLASS MASTER

Beijing, PRC

Sep. 2014 - Mar. 2017