教育经历

Technische Universität München(慕尼黑工大) 德国慕尼黑
计算机科学博士 *Jun. 2017 -*

北京邮电大学 北京
智能系统和模式识别硕士 *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 北京
通信工程学士 *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 *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*

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**, Bleence 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 *Munich, Germany*

Research Fellow *Mar. 2018 -*

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

Google & OpenCV *Beijing, PRC*

Software Engineer *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 *Munich, Germany*

Tutor *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 *Beijing, PRC*

Class Master *Sep. 2014 - Mar. 2017*