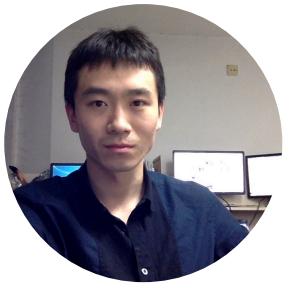

Yida **WANG**

PH.D STUDENT · COMPUTER VISION AND PATTERN RECOGNITION

Lillweg 13, Munich, Germany

(+49) 151-2710-5028 | yidawang.cn@gmail.com | wangyida.github.io | wangyida | yida-wang | Yida Wang | wangyida123@outlook.com

Education

Technische Universität München — *Munich, Germany*

PH.D. *in Computer Science* — *Jun. 2017*

- mentored by Dr. Federico Tombari & Prof. Nassir Navab

Beijing University of Posts and Telecommunications — *Beijing, PRC*

M.SC.ENG. *in Electronics and Communication Engineering* — *Sep. 2014 - Mar. 2017*

- mentored by Prof. Dr. Weihong Deng
- GPA: 3.32 (major: 3.42), Beijing Excellent Graduate

Beijing University of Posts and Telecommunications — *Beijing, PRC*

B.SC. *in Communication Engineering* — *Sep. 2010 - Jul. 2014*

- mentored by Dr. Ping Chen
- GPA: 3.52 (major: 3.58), Beijing Excellent Graduate

Publications

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 — *link 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 — *link 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 — *link 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 — *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 — *2015, 2019*

Face Recognition Using Local PCA Filters — *CCBR 2015*

Yida Wang, Shasha Li, Jiani Hu and Weihong Deng — *2015*

Awards

2017 - 2019	**Award,** TUM-CAMPAR Scholarship for internal Ph.D student	*Munich, Germany*
2018	**Award,** Bleence Research Fellowship	*Munich, Germany*
2016	**Award,** National Scholarship for Master Students (top scholarship in China)	*Beijing, PRC*
2016	**1st prize,** Innovation Awards of BUPT	*Beijing, PRC*
2016	**2nd prize,** Microsoft Open Source Challenge	*Redmond, U.S.A*
2016	**Award,** 1st rank BUPT scholarship	*Beijing, PRC*
2015	**Award,** Excellent Master Student of BUPT	*Beijing, PRC*
2015	**Final,** Tianchi Big Data Contest	*Hangzhou, PRC*
2015	**Award,** 1st rank BUPT scholarship	*Beijing, PRC*
2014	**Award,** Excellent Graduate of Beijing City	*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,** Beijing International Triathlon	*Beijing, PRC*

Experience

Bleenco — *Munich, Germany*

Research Fellow — *Mar. 2018 -*

- Sponsored by Bleenco for current research projects in TUM and exploit novel researches in computer vision and machine leanring.

Google & OpenCV — *Beijing, PRC*

Software Engineer — *Apr. 2015 - Sep. 2016*

- Supervised by Stefano Fabri and Manuele Tamburrano and sponsored by ”Google Summer of Code” to develop tiny-dnn for deep learning and opencv cnn module for 3D object recognition. Online demos: 3D Multi-task Learning and tiny-dnn on iOS

Skills

Programming	C/C++, Python, LaTeX, CUDA, Matlab, Scilab, shell, markdown
Pattern Recognition	Bayesian Inference, Tensor Algebra, Deep Learning, 3D Vision
Languages	English (TOEFL: 92 & CET-6: 552), Chinese, Deutsch

Extra Activity

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*