

Shijie Li

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EDUCATION

University of Bonn

Phd Candidate, Computer Vision Group (Prof. Dr. Juergen Gall)

Bonn, German

Present

Nankai University

Master of Computer Science, Media Computing Lab (Prof. Dr. Ming-Ming Cheng)

Tianjin, China

Jun 2019

University of Electronic Science and Technology of China

Bachelor of Automation

Chengdu, China

Jun 2016

AWARDS AND ACHIEVEMENTS

- Futong Scholarship (Chengdu, China, 2013)
- National Endeavor Scholarship (Chengdu, China, 2014)
- People's Scholarship (Chengdu, China, 2015)
- School outstanding graduates (Chengdu, China, 2016)
- First class scholarship (Tianjin, China, 2018)

KEY SKILLS

- Research Interest: SLAM, 3D Reconstruction, Scene Understanding, Video Analysis
- Programming: C++, Python, Cuda
- Deep Learning: Pytorch, Tensorflow
- Writing: Latex, Word

EXPERIENCE

UISEE

SLAM Intern

Beijing, China

Jun 2017 - Feb 2018

- Develop SLAM algorithm
- Deploy the algorithm on self-driving car

Alibaba AI Lab

Robotics Perception Intern

Beijing, China

May 2018 - Aug 2018

- Predict environment around robot at the next moment using RCNN architecture.
- Do the research about geometric deep learning.

Visual Computing Group, Technische Universität München

Research Assistant

Munich, German

Oct 2018 - Dec 2018

- Do the research on 3D semantic segmentation.

Publication

CubemapSLAM: A versatile monocular fisheye SLAM solution ...

ACCV 2018

Yahui Wang, Shaojun Cai, Shi-Jie Li, Yun Liu, Tao Li, Ming-Ming Cheng

Structured Skip List: A Compact Data Structure for 3D Reconstruction

IROS2018

Shi-Jie Li, Ming-Ming Cheng, Yun Liu, Shao-Ping Lu, Victor Adrian Prisacariu

DEL: Deep Embedding Learning for Efficient Image Segmentation

IJCAI-ECAI 2018

Yun Liu, Peng-Tao Jiang, Vahan Petrosyan, Shi-Jie Li, Jiawang Bian, Le Zhang, and Ming-Ming Cheng

Direct Line Guidance Odometry

Shi-Jie Li, Bo Ren, Yun Liu, Ming-Ming Cheng, Duncan Frost, Victor Adrian Prisacariu

ICRA 2018

Joint Salient Object Detection and Existence Prediction

Jiang Huaizu, Cheng Ming-Ming, **Shi-Jie Li**, Ali Borji, Wang Jingdong

Comput. Sci. 2018