

# Liang AN

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## EDUCATION

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<b>Tsinghua University</b> , Beijing, China Ph.D student in Department of Automation Advisor: Associate Professor <b>Yebin Liu</b>	<i>2017.08 - 2022(Expected)</i>
<b>Tsinghua University</b> , Beijing, China B.Eng. in Department of Automation	<i>2013.08 - 2017.07</i>

## RESEARCH INTEREST

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3D Computer Vision, Motion Capture and Analysis

## PUBLICATIONS

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**2018**

Shi Yan, Chenglei Wu, Lizhen Wang, Feng Xu, **Liang An**, Kaiwen Guo, and Yebin Liu. DDRNet: Depth Map Denoising and Refinement for Consumer Depth Cameras Using Cascaded CNNs. *ECCV 2018*

## INTERN EXPERIENCE

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<b>Horizon Robotics, Beijing, China</b> <i>Research Intern</i> <ul style="list-style-type: none"><li>• Monocular 3D object bbox estimation under autonomous driving scenario.</li></ul>	<i>2019.06 - 2019.08</i>
<b>Sensetime Technology Inc, Beijing, China</b> <i>Research Intern</i> <ul style="list-style-type: none"><li>• Monocular human pose and shape recovery.</li></ul>	<i>2018.04 - 2018.11</i>
<b>Megvii Technology Inc, Beijing, China</b> <i>Research Intern</i> <ul style="list-style-type: none"><li>• Implement and train Dispnet for stereo depth estimation.</li></ul>	<i>2016.07 - 2016.09</i>

## PRIZE AND HONORS

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<b>2017</b>	Excellent Graduates from Tsinghua University Outstanding Graduates from Dept. of Automation, Tsinghua Univ.
<b>2016</b>	National Endeavor Scholarship 2 <sup>nd</sup> Prize of 35 <sup>th</sup> Challenge Cup, Tsinghua University
<b>2015</b>	National Endeavor Scholarship 2 <sup>nd</sup> Prize of 34 <sup>th</sup> Challenge Cup, Tsinghua University
<b>2014</b>	National Endeavor Scholarship 10 <sup>th</sup> Place in RoboCup@Home 2015, Hefei, China 2 <sup>nd</sup> Prize of 33 <sup>rd</sup> Challenge Cup, Tsinghua University
<b>2013</b>	Tsinghua University Freshman Scholarship(2 <sup>nd</sup> Place)

## SKILLS

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**Computer Languages**

C/C++, Python, MATLAB

**Tools Used**

ROS, CUDA, OpenCV, OpenGL, PyTorch, Tensorflow, Caffe

## **TEACHING**

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**TA** C++ Programme Design and Training (2018 Summer)

**TA** Data Structure (2018 Spring)