Xiangyue Liu

Beihang University, Beijing, China

⊕xy-liu.com   ✉starcxlxy@hotmail.com   ⌂[Lxiangyue](#)   ☐(+86)18813061728

EDUCATION

Beihang University   **Beijing, China**

Master of Software Engineering (Prof. Dr. You Song)   *Present*

Northeast Normal University   **Changchun, China**

Bachelor of Software Engineering   *Jun 2018*

AWARDS AND ACHIEVEMENTS

+ Second class scholarship (Changchun, China, 2015)
+ Outstanding Project of National Undergraduate Innovation and Entrepreneurship Training Program (Changchun, China, 2016)
+ Third class scholarship (Changchun, China, 2017)
+ Excellent student of the fifth visual SLAM of Deep Blue College (Beijing, China, 2019)

KEY SKILLS

+ Research Interest: 3D Reconstruction, SLAM&AR, Instance Segmentation, Deep Learning
+ Programming: C++, Python
+ Deep Learning: Pytorch, Tensorflow
+ Writing: Latex, Word

EXPERIENCE

Megvii Technology SLAM&AR Lab   **Beijing, China**

SLAM Research Intern (Leader, Yijia He)   *Aug 2019 - Apr 2020*
+ Develop SLAM algorithm
+ Do the research about point and line features in slam

Competition   **Beijing, China**

IJCAI-PRICAI 2020 3D AI Challenge: Instance Segmentation (2/599)   *Mar 2020 - Aug 2020*

Volunteer   **Beijing, China**

The 2nd National SLAM Technology Forum   *Jul 2019-Jul 2019*

Publication

CubemapSLAM: A versatile monocular fisheye SLAM solution ...   *ICRA 2021*
Xiangyue Liu, Shaojun Cai, **Shi-Jie Li**, Yun Liu, Tao Li, Ming-Ming Cheng

2nd Place Solution to Instance Segmentation of IJCAI 3D AI Challenge 2020   *IJCAI-PRICAI 2020*
Xiangyue Liu, Zheng Ju

Jingwei Yang, Juntao Pu, Xinyi Fei, **Xiangyue Liu**, You Song, Li Deng