

# Hanqing Wang

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## EDUCATION

### B.S. in Computer Science

Beijing Institute of Technology (BIT), Beijing, China

Sep 2013 - Jun 2017

### M.S. in Computer Science

Beijing Institute of Technology (BIT), Beijing, China , **Advisor:** Prof. Wei Liang

Sep 2017 - Jun 2018

### Ph.D. in Computer Science

Beijing Institute of Technology (BIT), Beijing, China , **Advisor:** Prof. Wei Liang

Sep 2018 - Jun 2023

## PROFESSIONAL EXPERIENCE

### Research Intern

Microsoft Research Asia (MSRA), Beijing, China, **Advisor:** Dr. Jiaolong Yang

Mar 2017 - Nov 2017

### Research Intern

Inception Institute of Artificial Intelligence (IIAI), Abu Dhabi, UAE, **Advisor:** Prof. Jianbing Shen

Jul 2019 - Apr 2020

## RESEARCH INTERESTS

*Deep Reinforcement Learning, Embodied Navigation, Sequential Planning*

## PROGRAMMING SKILLS

### Programming Languages

C/C++, Java, Python,  $\text{\LaTeX}$

### Frameworks

PyTorch, TensorFlow

## SELECTED PUBLICATIONS

**Hanqing Wang**, Wei Liang and Lap-Fai Yu, Scene Mover: Automatic Move Planning for Scene Arrangement by Deep Reinforcement Learning, *ACM Transactions on Graphics (ToG)*, 2020

**Hanqing Wang**, Wenguan Wang, Tianmin Shu, Wei Liang, and Jianbing Shen, Active Visual Information Gathering for Vision-Language Navigatio, *Proceedings of the European conference on Computer Vision (ECCV)*, 2020

**Hanqing Wang**, Jiaolong Yang, Wei Liang and Xin Tong, Deep Single-View 3D Object Reconstruction with Visual Hull Embedding, *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)*, 2019

**Hanqing Wang**, Wei Liang and Lap-Fai Yu, Transferring Objects: Joint Inference of Container and Human Pose, *Proceedings of the IEEE International Conference on Computer Vision (ICCV)*, 2017

## AWARDS

3<sup>rd</sup> Prize of Innovation Scholarship Mar 2017

Ministry of Industry and Information Technology  
of the People's Republic of China

Award of Most Creative Sep 2017

Microsoft Hackathon 2017, Microsoft

Award of Excellence Nov 2017

Stars of Tomorrow Internship Program,  
Microsoft Research Asia

3<sup>rd</sup> Place in the HABITAT Challenge 2020 Jun 2020

Facebook AI Research