Address: #115 North Rd Acton, Canberra, Australia

Jun Zhang

Mobile: (+61)431698396 **Email**: jun.zhang2@anu.edu.au

Homepage: https://halajun.github.io/

Education

2016.11 - present	**Ph.D. in College of Engineering and Computer Science, Australian National University**	Canberra
2012.09 - 2015.04	**M.Sc. in School of Aeronautics, Northwestern Polytechnical University**	Xi'an
2008.09 - 2012.06	**B.Eng. in School of Aeronautics, Northwestern Polytechnical University**	Xi'an

Research Experience

2016.11 - present	**PhD candidate, ANU & ACRV**	Canberra
	Supervisors: Dr. Viorela Ila, Dr. Laurent Kneip, Prof. Robert Mahony.	
	Visual odmetry/SLAM in underwater and dynamic scenes.	
2015.10 – 2016.01	**Research assistant, Multimedia Lab, SIAT**	Shenzhen
	Supervisors: Dr. Yu Qiao	
	Face recognition and reconstruction.	
2014.05 - 2015.09	**Research assistant, Institute of Computer Science and Technology, PKU**	Beijing
	Supervisors: Dr. Zouhui Lian	
	Non-rigid 3D shape retrieval.	
2015.01 - 2015.04	**Master thesis, School of Aeronautics, NWPU**	Xi'an
	Supervisors: Prof. Zhenbao Liu, Prof. Shuhui Bu.	
	Mesh segmentation and 3D object retrieval.	

Publications

[1] **Jun Zhang***, Mina Henein*, Robert Mahony and Viorela Ila, "VDO-SLAM: A Visual Dynamic Object-aware SLAM System", submitted to International Journal of Robotics Research (IJRR), under review. [* denotes equal contribution]

[2] **Jun Zhang**, Mina Henein, Robert Mahony and Viorela Ila, "Robust Ego and Object 6-DoF Motion Estimation and Tracking", IROS 2020.

[3] Mina Henein, **Jun Zhang**, Robert Mahony and Viorela Ila, "Dynamic SLAM: The Need for Speed", ICRA 2020.

[4] **Jun Zhang** and Viorela Ila, "Multi-frame Motion Segmentation for Dynamic Scene Modelling", ACRA 2018.

[5] **Jun Zhang**, Viorela Ila and Laurent Kneip, "Robust Visual Odometry in Underwater Environment", OCEANS 2018.

[6] Zhouhui Lian, **Jun Zhang** and et. al, "SHREC'15 Track: Non-rigid 3D Shape Retrival", Eurographics 3DOR 2015.

[7] **Jun Zhang**, Zhouhui Lian, Zhenbao Liu and Jianguo Xiao, "CEFM: A Heuristic Mesh Segmentation Method based on Convexity Estimation and Fast Marching", VISIGRAPP 2015.

Awards

2019-2020	Award of ACRV HDR Scholarship Top-up, ACRV, ANU.
2016-2020	Award of PhD Scholarship and University Research Scholarship, ANU.
2012-2015	Award of the Second Prize of the National Scholarship, NWPU.
2009	Award of the Third Prize of the Mathematical Contest in Modeling, NWPU.

Skills

Programming Skills: C/C++, Matlab, Python.

Specialized Software: Meshlab, 3DMax, Geomagic.

Language Skills: Mandarin, English.

Academic Services

Reviewer for academic conferences: ICRA, IROS.

Personalities & Hobbies

I am energetic, confident, open-minded and humorous, and have a broad hobby: Soccer, Photography, Travel, Auto, Electronics, etc.