

Address: #115 North Rd Acton, Canberra, Australia

# Jun Zhang

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

## Education

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

## Research Experience

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

## 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", Submitted to International Conference on Intelligent Robots and Systems (IROS 2020), under review.
- [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 Retrieval", 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

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.