Zhiyu Jiang

✉ jzhiyu1991@gmail.com
🖰 zhiyu-jiang.github.io/

Education

09/2013–present	**Ph.D in Signal and Information Processing(SIP)**, *University of Chinese Academy of Sciences*, Expected 2018.
09/2009–07/2013	**B.S in Electronic Engineering(EE)**, *Xidian University*.

Research

* Artificial intelligence, machine learning and computer vision.
* Holistic scene understanding, mainly focus on Driver Assistant System and driverless cars.
* Traffic scene understanding, including road detection, semantic parsing, anomaly detection.

Publications

2015.11	Yuan Yuan, **Zhiyu Jiang**, Qi Wang, "Video-based Road Detection via Online Structural Learning," *Neurocomputing*, vol. 168, pp. 336-347, 2015. (SCI, EI) .
2014.07	**Zhiyu Jiang**, Qi Wang, Yuan Yuan, "Adaptive Road Detection towards Multiscale-Multilevel Probabilistic Analysis," *Proc. IEEE China Summit and International Conference on Signal and Information Processing*, pp. 698-702, July 2014. (EI, CPCI(ISTP), **Best Paper Award**) .
2015.04	Y. Yuan, Q. Wang, and **Z. Jiang**, "Monocular Vision Based Road Detection Method," 201510076619.5, 2015. (Patent).

Professional Activities

Reviewer:

* International Conference on Electrical, Mechanical and Industrial Engineering (ICEMIE2016), *TPC member*.
* Neurocomputing (Elsevier).
* International Conference on Machine learning and Signal Processing (MALSIP2015).
* Journal of Traffic and Transportation Engineering.
* IEEE International Conference on Systems, Man, and Cybernetics(SMC2015).

Reports:

* Adaptive Road Detection towards Multiscale-Multilevel Probabilistic Analysis, *IEEE China Summit and International Conference on Signal and Information Processing,July 2014*, Xi'an.

Awards

2015.09	**Merit Student**, *University of Chinese Academy of Sciences*.
2014.07	**IEEE ChinaSIP 2014 Best Paper Award**, *IEEE International Conference*.
2013.05	**Outstanding Scholarship for College Students**, *University of Chinese Academy of Sciences*.
2011.10	**National Endeavor Fellowship**, *P.R. China*.