Zhenqiang YING

School of Electronic and Computer Engineering, Peking University, China
zqying@pku.edu.cn

Research Interests

My research interests are in Computer Vision and Machine Learning.
I am especially interested in "physics-based" and "bio-inspired" approaches for computer vision tasks.

Education

Peking University, Beijing, China   08/2015 - Present
M.S. in Computer Science
Advisor: Prof. Ge Li
GPA: 92/100, Ranking: 1/77

Dalian University of Technology, Dalian, China   08/2011 - 07/2015
B.S. in Computer Science

Selected Publications

Z. Ying, G. Li, S. Wen, and G. Tan. "ORGB: offset correction in rgb color space for illumination-robust image processing". In *2017 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, in press.

Z. Ying, G. Li, X. Zang, R. Wang, and W. Wang. "A novel shadow-free feature extractor for real-time road detection". In *Proceedings of the 2016 ACM on Multimedia Conference*, pages 611-615, October 2016.

Z. Ying and G. Li. "Robust lane marking detection using boundary-based inverse perspective mapping". In *2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, pages 1921-1925, March 2016.

N. Li, D. Xu; **Z. Ying**, Z. Li, G. Li, "Searching action proposals via spatial actionness estimation and temporal path inference and tracking". In *The 13th Asian Conference on Computer Vision (ACCV)*, pages 384-399, November 2016.

Contest Experience

Grand Challenges in Video Analysis   2016
Symposium on Research and Application in Computer Vision (RACV)
The First Place

International Interdisciplinary Contest in Modeling   2014
Honorable Mention

National Conference on Undergraduate Innovation and Entrepreneurship   2014
Best Creativity Project

National Undergraduate Electronics Design Contest   2013
The Second Prize

Awards

National Scholarship, *Department of Education of China*   2016
Outstanding Undergraduate, *Dalian University of Technology*   2015