



# Yaxing Wang

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## OVERVIEW

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I am a third-year PhD student in the engineering school at Autonomous University of Barcelona(UAB). My supervisor is Joost van de Weijer who is a senior researcher at the Computer Vision Center(CVC) in UAB. My research interests include machine learning (especially deep learning) and its applications to computer vision.

## EXPERIMENT

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Hands-on Deep Learning with MatConvNet

## EDUCATION

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**PhD Student in Computer Science** 2015 -

*Autonomous University of Barcelona, Spain*

Advisor: Joost van de Weijer

**M.S in Signal Processing** 2012 - 2015

*Zhengzhou University, China*

Advisors: Lin Qi

**B.E in Communication Engineering** 2008 - 2012

*Huanghe Science and Technology College, China*

## PUBLICATIONS

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7. Yaxing Wang, Joost van de Weijer and Luis Herranz, “Encoder-Decoder Alignment for Zero-Pair Image-to-Image Translation”, **Accepted**, Conference on Computer Vision and Pattern Recognition (2018).
6. Yaxing Wang, Lichao Zhang and Joost van de Weijer, “Ensembles of generative adversarial networks”, **Published**, Conference on Neural Information Processing Systems Workshop on Adversarial Training (2016).
5. Ozan Caglayan, Walid Aransa, Yaxing Wang, Marc Masana, Mercedes García-Martínez, Fethi Bougares, Loïc Barrault, Joost Van de Weijer, “Does multimodality help human and machine for translation and image captioning?”, **Published**, ACL2016 the First Conference on Machine Translation (2016).

4. Li Yang, Xiaomi Mu, Yaxing Wang and Yaping Wang, "Image Super-resolution Using Mid-level Representations ", **Published**, International Conference on Information Engineering and Communications Technology (2016).
3. Yaxing Wang, Lin Qi, Xin Guo, Enqing Chen, "Fusion of complementary discrete fractional Fourier features extracted through sparse PCA in generalized frequency domains for face recognition", **Published**, Application Research of Computers (2016).
2. Jiangxue Tian, Lin Qi and Yaxing Wang , "Spectral residual method of saliency detection based on the two-dimensional fractional Fourier transform domain", **Published**, Seventh International Conference on Graphic and Image Processing (2015).
1. Yaxing Wang, Lin Qi, Xin Guo and Lei Gao, "Face recognition based on histogram of the 2D-FrFT magnitude and phase", **Published**, Seventh International Conference on Graphic and Image Processing (2014).

## RELATED PROJECTS

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- Multilingual Multimodal Continuous Representation for Human Language Understanding(2015 -)
- Face Expression Recognition Based on on FrFT(2014 - 2015)
- The basic theory and application of fractional Fourier transform application(2013 - 2015)
- Single-channel/multi-channel communication based on FrFT in time-varying channel environment(2013 -2015)

## AWARDS

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- Excellent Undergraduate Student in Zhengzhou University(2015)
- Excellent Undergraduate Student in Huanghe Science and Technology College(2012)
- The Second Prize of Mathematical Contest In Modeling and Interdisciplinary Contest In Modeling(2010)