

# 杨鸿宇

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## 教育背景

博士: 北京航空航天大学 计算机学院 (2013.09 ~2019.06)

专业: 计算机应用技术

本科: 北京航空航天大学 计算机学院 (2009.09 ~2013.06)

专业: 计算机科学与技术

## 学术实践

- 2019.06 至今 北京航空航天大学计算机学院智能识别与图象处理实验室 博士后
- 2016.11 至 2017.11 美国密歇根州立大学 Anil K Jain 教授实验室 访问学者
- 2014.08 至 2015.01 澳门大学唐远炎教授实验室 访问学者
- 2013.03 至 2017.01 参与国家自然科学基金项目《基于海量网络媒体数据的人脸老化模拟和年龄估计方法研究》
- 2013.03 至 2016.01 参与国家重点学科“973”项目《媒体认知的层次化计算理论与模型》
- 2013.10 ACM 国际音频/视频情感识别竞赛 (AVEC 2013), 团队第一名。

## 学术论文

- H. Yang, D. Huang, Y. Wang, and A. K. Jain. Learning Continuous Face Age Progression: A Pyramid of GANs. Accepted by IEEE Trans. on Pattern Analysis and Machine Intelligence (IEEE TPAMI) . (CCF 推荐 A 类期刊)
- H. Yang, D. Huang, Y. Wang, H. Wang, and Y. Tang: Face Aging Effect Simulation using Hidden Factor Analysis Joint Sparse Representation, IEEE Transactions on Image Processing (IEEE-TIP), 25(6): 2493-2507, 2016. (CCF 推荐 A 类期刊)
- H. Yang, D. Huang, Y. Wang, and A. K. Jain: Learning Face Age Progression: A Pyramid Architecture of GANs, IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Salt Lake City, USA, 2018. (CCF 推荐 A 类会议, Oral)
- H. Yang, D. Huang, Y. Wang: Age Invariant Face Recognition based on Texture Embedded Discriminative Graph Model, IEEE International Joint Conference on Biometrics (IJCB), Clearwater, Florida, the United States of America, 2014. (CCF 推荐 C 类会议, Best Reviewed Paper)
- M. Jia, H. Yang, D. Huang, and Y. Wang: Attacking Gait Recognition Systems via Silhouette Guided GANs, ACM Multimedia Conference (MM), Nice, France, 2019. (CCF 推荐 A 类会议, Oral)
- X. Ma, H. Yang, Q. Chen, D. Huang, and Y. Wang: DepAudioNet: An Efficient Deep Model for Audio based Depression Classification, ACM Multimedia Conference (ACM-MM) Workshop: Audio/Visual Emotion Challenge (AVEC), Amsterdam, Netherlands, 2016.
- H. Meng\*, D. Huang\*, H. Wang, H. Yang, M. Al-Shuraifi, and Y. Wang: Depression Recognition based on Dynamic Facial and Vocal Expression Features using Partial Least Square Regression, ACM International Conference on Multimedia (ACM-MM) Workshop: Audio/Visual Emotion Challenge (AVEC), Barcelona, Spain, 2013. (国际竞赛 Affect Recognition Sub-Challenge 第一名, Depression Recognition Sub-Challenge 第二名)
- Heng Wang, Di Huang, Yunhong Wang, and Hongyu Yang. Facial aging simulation via tensor completion and metric learning. IET Computer Vision, 2017, 11(1): 78-86.
- H. Wang, D. Huang, Y. Wang, and H. Yang: Facial Aging Simulation via Tensor Completion, 10<sup>th</sup> Chinese Conference on Biometric Recognition (CCBR), Tianjin, China, 2015.
- K. Zhu, Y. Wang, H. Yang\*, D. Huang, and L. Chen: Intensity Enhancement via GAN for Multimodal Facial Expression Recognition, submitted to IEEE Conference on Computer Vision and Pattern Recognition (CVPR).

## 奖项及荣誉

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- 北航优秀博士毕业生 (2019.06), 博士研究生国家奖学金 (2016.09), 优秀研究生奖学金 (2015), 空中客车奖学金 (2014)