

Bing Cao, Ph.D. Candidate

CONTACT INFORMATION	VIPS Lab State Key Laboratory of ISN School of Electronic Engineering Xidian University, No. 2 South Taibai Road Xi'an, China, 710071	<i>Email:</i> bingcao(at)unc.edu <i>Homepage:</i> https://bcaosudo.github.io
RESEARCH INTERESTS	Machine learning, computer vision, image processing, and pattern recognition with applications to heterogeneous face recognition (e.g. matching viewed/NIR/forensic sketches to face photos, and matching near-infrared/thermal-infrared images to visible light face images).	
EDUCATION	<p>Sep. 2019 - Present Research Scholar in Image Synthesis School of Medicine University of North Carolina at Chapel Hill, China Adviser: Dinggang Shen</p> <p>Sep. 2015 - Present Ph.D. Candidate in Intelligent Information Processing School of Electronic Engineering Xidian University, Xi'an, China Adviser: Xinbo Gao</p> <p>Sep. 2011 - July 2015 Bachelor in Electrical Engineering and Automation School of electronic and Information Engineering Hebei University, China Rank: 2/81</p>	
PUBLICATIONS	<p>[1] Bing Cao, N. Wang, X. Gao and J. Li, "Data Augmentation-Based Joint Learning for Heterogeneous Face Recognition." <i>IEEE transactions on neural networks and learning systems</i> (TNNLS), 30.6 (2018): 1731-1743.</p> <p>[2] Bing Cao, N. Wang, X. Gao, J. Li and Z. Li, "Multi-Margin based Decorrelation Learning for Heterogeneous Face Recognition," <i>Twenty-Eighth International Joint Conference on Artificial Intelligence (IJCAI-19)</i>, 2019.</p> <p>[3] Bing Cao, N. Wang, X. Gao and J. Li, "Asymmetric joint learning for heterogeneous face recognition." <i>Thirty-Second AAAI Conference on Artificial Intelligence (AAAI-18)</i>, 2018.</p>	
AWARDS	First-Class Graduate Scholarship, Xidian University	2017
	National Scholarships, China	2016
	Outstanding Undergraduate Thesis, Xidian University	2016
	First-Class Graduate Scholarship, Xidian University	2015
SKILLS	Proficient in Matlab, Python, C/C++, Qt, OpenCV, Latex; Familiar with Java	