

Yandong Wen

CONTACT INFORMATION	501, Shaw Science Building, South China Univ of Technology Tianhe District, Guangzhou, Guangdong, P.R. China, 510640 Email Address: wen.yandong@mail.scut.edu.cn Tel: +86-189-9834-7789
RESEARCH INTERESTS	Computer Vision, Deep Learning, Dictionary Learning, Sparse Coding, Face Recognition.
EDUCATION	South China University of Technology (SCUT) , Guangzhou, P. R. China M.S., School of Electronic and Information Engineering Sep 2013 - Present <ul style="list-style-type: none">GPA:3.72/4.0, Rank:3/46 South China University of Technology (SCUT) , Guangzhou, P. R. China B.Eng., School of Electronic and Information Engineering Sep 2009 - Jul 2013 <ul style="list-style-type: none">GPA:3.74/4.0, Rank:21/272
RESEARCH EXPERIENCE	Multimedia Laboratory, Shenzhen Institutes of Advanced Technology Visiting Student May 2015 - Present Deep Learning for Age-Invariant Face Recognition <ul style="list-style-type: none">We propose a Latent Factor guided Convolution Neural Networks (LF-CNNs) for age-invariant face recognition, beating the state-of-the-art algorithms by significant margin.This work has been submitted to CVPR 2016 Deep Learning for Face Verification <ul style="list-style-type: none">We achieve 99.2% and 99.5% verification accuracy in LFW database by single and ensemble model respectively, only using publicly available training images. Supervisor: Prof. Zhifeng Li & Prof. Yu Qiao Intelligent Information Processing Lab, South China University of Technology Research Assistant Sep 2013 - May 2015 Image-based Face Recognition via Sparse Representation <ul style="list-style-type: none">We propose novel approaches to address the problem of occlusion, misalignment in face recognition, achieving better performance with less time.Some papers have been published based on this work. Supervisor: Prof. Yuli Fu Research Intern Sep 2012 - Jul 2013 Image Denoising via Sparse Representation <ul style="list-style-type: none">Outstanding Bachelor Thesis Award. Supervisor: Prof. Yuli Fu & Prof. Haifeng Li
PROFESSIONAL MEMBERSHIP & ACTIVITIES	Microsoft Technology Club (MSTC), South China University of Technology Member of the Technology Department Sep 2013 - May 2014 <ul style="list-style-type: none">Held the <i>SeedCoder2014</i> Programming Contest sponsored by Microsoft Research Asia (MSRA) from March 26, 2014 to April 21, 2014. More than 130 teams signed up for competition.

- Vice President** of the Club May 2014 - May 2015
- Organized Special Interest Group (SIG) within Technology Department. 2 or 3 members choose a topic they interested and focus it jointly for half a year.
 - Held Specialist Seminar about latest progress in Computer Science (CS) within Department of Technology, once a month.

AWARDS	Goodix Scholarship	Nov. 2015
	• First Prize (Top 5%)	
	National Postgraduate Mathematic Contest in Modeling	Nov. 2013
	• First Prize (Top 2%)	
	Outstanding Bachelor Thesis Award (Top 10%)	Jul. 2013
	Desay Cup National Software Innovation Contest	Nov. 2012
	• Second Prize (2/700+)	
	Electronic Design Contest in Guangdong Province	Sep. 2012
	• Second Prize (Top 15%)	
	Scholarship in SCUT	2010 & 2012 & 2014 & 2015
	Outstanding Volunteer 2010 Asian Games	Nov. 2010

PUBLICATIONS	1. Yandong Wen , Zhifeng Li, Yu Qiao. “Age-Invariant Deep Face Recognition.” <i>submitted to CVPR 2016</i> .	
	2. Yandong Wen , Weiyang Liu, Meng Yang, Yuli Fu, Youjun Xiang, and Rui Hu. “Structured Occlusion Coding for Robust Face Recognition.” <i>Neurocomputing</i> , 2015.	
	3. Yandong Wen , Weiyang Liu, Meng Yang. “Efficient Face Alignment via Locality-constrained Representation for Robust Recognition.” <i>arXiv preprint:1507.07073</i> , 2015.	
	4. Weiyang Liu, Zhiding Yu, Yandong Wen , Meng Yang and Yuexian Zou. “Multi-Kernel Collaborative Representation for Image Classification.” <i>IEEE International Conference on Image Processing (IEEE ICIP 2015)</i> , Quebec City, Canada, 2015.	
	5. Yandong Wen , Youjun Xiang and Yuli Fu. “A Joint Classification Approach via Sparse Representation for Face Recognition.” <i>IEEE International Conference on Signal Processing (IEEE ICSP 2014)</i> , Hangzhou, China, 2014.	
	6. Weiyang Liu, Yandong Wen , Hui Li, and Bing Zhu. “Dictionary Construction for Sparse Representation Classification: A Novel Cluster-based Approach.” <i>IEEE Symposium on computers and Communications (IEEE ISCC 2014)</i> , Madeira, Portugal, 2014.	

CORE COURSES	Undergraduate Courses	
	Advanced Mathematics I 87/100	Advanced Mathematics II 94/100
	General Physics I 94/100	General Physics II 99/100
	Linear Algebra 85/100	Probabilities & Mathematical Statistics 92/100
	C Programming Language II 95/100	Principle & Application of Microcomputer 93/100
	Mobile Communication 93/100	Image Manipulation & Analysis 83/100
	Embedded System and its Application 90/100	Project of Digital System Design 94/100

Modern Switch Technology 91/100

Principle of Digital Communication 91/100

Postgraduate Courses

Matrix Analysis 92/100

Optimization Methods 93/100

Adaptive Signal Processing 87/100

Modern Digital Signal Processing 90/100

Machine Learning 94/100

Digital Image Processing 93/100