

## Yandong Wen

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CONTACT INFORMATION	501, Shaw Science Building, South China Univ. of Tech. Tianhe District, Guangzhou, Guangdong, P.R. China <b>Email Address:</b> <a href="mailto:wen.yandong@mail.scut.edu.cn">wen.yandong@mail.scut.edu.cn</a> <b>Tel:</b> 086-189-9834-7789 <b>Homepage:</b> <a href="http://ydwen.github.io">http://ydwen.github.io</a>
RESEARCH INTERESTS	Computer Vision, Deep Learning, Dictionary Learning, Sparse Coding, Face Recognition.
EDUCATION	<b>South China University of Technology (SCUT)</b> , Guangzhou, P. R. China  M.S., School of Electronic and Information Engineering Sep 2013 - Present <ul style="list-style-type: none"><li>GPA:3.72/4.0, Rank:3/46</li></ul> <b>South China University of Technology (SCUT)</b> , Guangzhou, P. R. China  B.Eng., School of Electronic and Information Engineering Sep 2009 - Jul 2013 <ul style="list-style-type: none"><li>GPA:3.74/4.0, Rank:21/272</li></ul>
RESEARCH EXPERIENCE	<b>Multimedia Laboratory, Shenzhen Institutes of Advanced Technology</b>  <b>Visiting Student</b> May 2015 - Present <b>Deep Learning for Age-Invariant Face Recognition</b> <ul style="list-style-type: none"><li>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.</li><li>This work has been submitted to <b>CVPR 2016</b></li></ul> <b>Deep Learning for Face Verification</b> <ul style="list-style-type: none"><li>We achieve <b>99.2%</b> and <b>99.5%</b> verification accuracy in LFW database by single and ensemble model respectively, only using publicly available training images.</li></ul> <b>Supervisor:</b> Prof. Zhifeng Li & Prof. Yu Qiao  <b>Intelligent Information Processing Lab, South China University of Technology</b>  <b>Research Assistant</b> Sep 2013 - May 2015 <b>Image-based Face Recognition via Sparse Representation</b> <ul style="list-style-type: none"><li>We propose novel approaches to address the problem of occlusion, misalignment in face recognition, achieving <b>better performance</b> with <b>less time</b>.</li><li>Some papers have been published based on this work.</li></ul> <b>Supervisor:</b> Prof. Yuli Fu  <b>Research Intern</b> Sep 2012 - Jul 2013 <b>Image Denoising via Sparse Representation</b> <ul style="list-style-type: none"><li>Outstanding Bachelor Thesis Award.</li></ul> <b>Supervisor:</b> Prof. Yuli Fu & Prof. Haifeng Li
PROFESSIONAL MEMBERSHIP & ACTIVITIES	<b>Microsoft Technology Club (MSTC), South China University of Technology</b>  <b>Member</b> of the Technology Department Sep 2013 - May 2014 <ul style="list-style-type: none"><li>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.</li></ul>

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

PUBLICATIONS	1. <b>Yandong Wen</b> , Zhifeng Li, Yu Qiao. "Age-Invariant Deep Face Recognition." <i>submitted to CVPR 2016</i> .	
	2. <b>Yandong Wen</b> , Weiyang Liu, Meng Yang, Yuli Fu, Youjun Xiang, and Rui Hu. "Structured Occlusion Coding for Robust Face Recognition." <i>Neurocomputing</i> , 2015.	
	3. <b>Yandong Wen</b> , 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, <b>Yandong Wen</b> , 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. <b>Yandong Wen</b> , 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, <b>Yandong Wen</b> , 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	<b>Undergraduate Courses</b>	
	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