

Chao Chen

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📅 2 Feb 1994, Xiaogan City, Hubei Province, China



Curriculum Vitae - Chao Chen

Bio. I am currently a third-year PhD Student at College of ISEE, Zhejiang University of China, working with Prof. Xinyu Jin on Domain Adaptation and their applications to computer vision.

Research interests. My research interests cover a range of issues : **Statistics and Optimization, Deep Learning, Transfer Learning, and their Applications to Computer Vision and Biomedical Informatics.** Currently, I am working on Domain Adaptation and their applications to semantic segmentation and object detection.

🎓 Education

Sep 2016 – Jun 2021 (expected)	PhD Candidate in Electronic Science and Technology, Zhejiang University (ZJU), Hangzhou, China Center for Intelligent Information Processing and Intelligent Medical Advisor : Prof. Xinyu Jin Research Interests : Deep Learning, Domain Adaptation and their applications to Computer Vision
Sep 2012 – Jun 2016	Bachelor of Engineering Anhui University (AHU), Hefei, China major : Internet of Things GPA : 3.82/4.0 Rank : 1/58 Average Score : 91.66/100 Rank : 1/58

📖 Publications

- > Zhihong Chen, **Chao Chen**, Xinyu Jin, Yifu Liu, Zhaowei Cheng "Deep Joint Two-stream Wasserstein Auto-Encoder and Selective Attention Alignment for Unsupervised Domain Adaptation" **Neural Computing and Applications (under review)**
- > **Chao Chen**, Zhihong Chen, Boyuan Jiang, Xinyu Jin "Joint Domain Alignment and Discriminative Feature Learning for Unsupervised Deep Domain Adaptation," **AAAI 2019 (to appear)**.
- > Boyuan Jiang, **Chao Chen**, Zhihong Chen, Xinyu Jin "An I2I-CBIR method for Unsupervised Domain Adaptation," **Under Submit**.
- > **Chao Chen**, Boyuan Jiang, Zhaowei Chen, Xinyu Jin "Joint Domain Matching and Classification for Cross-Domain Adaptation Via ELM," **Neurocomputing, (Revised and resubmitted)**
- > **Chao Chen**, Xinyu Jin, Boyuan Jiang, Lanjuan Li "Optimizing Extreme Learning Machine via Generalized Hebbian Learning and Intrinsic Plasticity Learning," **Neural Processing Letters**
- > **Chao Chen**, Boyuan Jiang, Xinyu Jin "Parameter Transfer Extreme Learning Machine based on Projective Model," **IJCNN 2018, International Joint Conference on Neural Networks**
- > Boyuan Jiang, **Chao Chen**, Xinyu Jin "Unsupervised domain adaptation with target reconstruction and label confusion in the common subspace," **Neural Computing and Applications**

☰ Skills

Programming Skills :	Python, Matlab, C/C++, \LaTeX, Git.
Machine Learning :	Master in Convolutional neural networks (CNNs), Domain Adaptaion, Extreme Learning Machine. Master in convex (and non-convex) optimization, matrix analysis. Familiar with most statistical machine learning/signal processing algorithms/techqies.
Applications :	Familiar with CNN-Based Image Transformation methods, including Super-Resolution, Image-Completion, Image-Style-Transfer and Semantic-Segmentation, etc.
Tools :	Master in tensorflow, numpy, scikit-learn, ect. Familiar with pytorch, opencv, ect.

🗣 Languages

English :	Reading	● ● ● ● ●	CET-4 : 521
	Listening	● ● ● ● ○	CET-6 : 515
	Speaking	● ● ● ● ○	

Honors & Awards

Fall 2016	Excellent Doctoral Freshmen Scholarship Awards (select 120 from all doctoral freshmen).
Summer 2016	Top 10 Outstanding Undergraduates in School of EIE, Anhui University (select Top 10 from 500).
Summer 2016	Outstanding Graduates Awards of Anhui Province (<3%).
Summer 2016	Excellent Graduates Awards of Anhui University.
Fall 2015	First Prize of Academic Science Awards in Anhui University.
Spring 2015	First Prize of International Mathematical Modeling Competition.
Fall 2015	National Scholarship for Encouragement
Fall 2014	Excellent Student Scholarship Awards (select Top 2 from 58).
Fall 2013	National Scholarship Awards (<1%).

Interests

Sports : Basketball, Climbing, Camping, Hiking.
Arts : Photography, Guitar, Movies.

(last update : 19 Sep. 2018)