

Yao-Hung (Hubert) Tsai

CONTACT INFORMATION	Gates Hillman Centers 8F 5000 Forbes Ave, Pittsburgh Pittsburgh, PA 15213, USA	Phone: 1-234-567-8910 E-mail: yaohungt@andrew.cmu.edu Website: yaohungt.github.io
RESEARCH INTERESTS	I'm interested in Deep Learning and its applications in Computer Vision, Natural Language Processing, and their intersection.	
EDUCATION	Carnegie Mellon University , Pittsburgh, PA, USA	Aug 2016 - Present
	Ph.D. in Machine Learning within School of Computer Science - <i>Advisor:</i>	
	National Taiwan University , Taipei, Taiwan	Aug 2010 - Jun 2014
	B.S. in Electrical Engineering - <i>Overall Ranking: 9/198 with 3 times Presidential Awards (top 5% each semester)</i> - <i>Department Representative to Receive Undergraduate Diploma</i>	
SUBMITTED JOURNAL PUBLICATIONS	1. Cheng-An Hou, Yao-Hung Hubert Tsai , Yi-Ren Yeh and Yu-Chiang Frank Wang. "Unsupervised Domain Adaptation with Label and Structural Consistency", minor revision in <i>IEEE Transactions on Image Processing (TIP)</i> .	
CONFERENCE PUBLICATIONS	<ol style="list-style-type: none">1. Yao-Hung Hubert Tsai, Yi-Ren Yeh and Yu-Chiang Frank Wang. "Learning Cross-Domain Landmarks for Heterogeneous Domain Adaptation", <i>Computer Vision and Pattern Recognition (CVPR)</i>, 2016.2. Yuan-Ting Hsieh*, Shih-Yen Tao*, Yao-Hung Hubert Tsai, Yi-Ren Yeh and Yu-Chiang Frank Wang. "Generalized Joint Distribution Adaptation on Heterogeneous Feature Space", <i>International Conference on Multimedia & Expo (ICME)</i>, 2016. (*equal contributions) (Oral Presentation)3. Yao-Hung Hubert Tsai, Yi-Ren Yeh and Yu-Chiang Frank Wang. "Heterogeneous Domain Adaptation with Label and Structure Consistency", <i>International Conference on Acoustics, Speech and Signal Processing (ICASSP)</i>, 2016.4. Yao-Hung Hubert Tsai, Cheng-An Hou, Wei-Yu Chen, Yi-Ren Yeh and Yu-Chiang Frank Wang. "Domain-Constraint Transfer Coding for Imbalanced Unsupervised Domain Adaptation", <i>Association for the Advancement of Artificial Intelligence (AAAI)</i>, 2016.5. Tzu-Ming Harry Hsu, Wei-Yu Chen, Cheng-An Hou, Yao-Hung Hubert Tsai, Yi-Ren Yeh and Yu-Chiang Frank Wang. "Unsupervised Domain Adaptation with Imbalanced Cross-Domain Data", <i>International Conference on Computer Vision (ICCV)</i>, 2015.6. Yao-Hung Tsai*, Hung-Ming Hsu*, Cheng-An Hou and Yu-Chiang Frank Wang. "Person-specific Domain Adaptation with Applications to Heterogeneous Face Recognition", <i>International Conference on Image Processing (ICIP)</i>, 2014. (*equal contributions)7. Po-Chen Wu, Yao-Hung Tsai and Shao-Yi Chien. "Stable Pose Tracking from a Planar Target with an Analytical Motion Model in Real-time Applications", <i>International Workshop on Multimedia Signal Processing (MMSP)</i>, 2014.	

AWARDS & HONORS	Student Awards , Dept. of Electrical Engineering, National Taiwan University Presidential Awards (3 times) Feb 2011, Sep 2012, Feb 2014 - <i>Awarded to students with the top 5% GPA for that semester</i> Department Representative to Receive Undergraduate Diploma Jun 2014 - <i>Awarded to students with the top 5% GPA over all semesters</i>
RESEARCH EXPERIENCE	Graduate Student Researcher , Carnegie Mellon University Aug 2016 - Present Researching in Deep Learning, Computer Vision, and Natural Language Processing - <i>Supervisor:</i> Research Assistant , CITI, Academia Sinica Aug 2015 - Aug 2016 Researching in person re-identification, domain adaptation, and zero-shot learning - <i>Supervisor: Dr. Yu-Chiang Frank Wang</i>
WORK & TEACHING EXPERIENCE	Teaching Assistant & Mentor , CITI, Academia Sinica Aug 2015 - Aug 2016 Mentoring undergrad students for the independent research - <i>Works for ICCV and ICME</i> Providing <i>Deep Learning</i> tutorial for undergrad students Political Warfare Officer , R.O.C. Air Force Aug 2014 Jul 2015 Compulsory Military Service
OTHER AWARDS	Best Tourism App Award Sep 2014 Chunghwa Telecom Hami Apps Competition - <i>Ranked 1 out of 300 teams</i> Bronze Medal & Outstanding Paper Award Sep 2013 Altera Innovate Asia FPGA Design Competition - <i>Invited for an oral presentation</i> Bronze Medal Award Sep 2012 Taiwan Semiconductor Manufacturing Company (TSMC) Elite Camp - <i>Invited only Taiwan's undergrad students with presidential award</i>
REFERENCES	Dr. Yu-Chiang Frank Wang Associate Research Fellow <i>Phone: 886-2-2787-2300 #2368</i> Research Center for IT Innovation, Room 232 <i>E-mail: ycwang@citi.sinica.edu.tw</i> Academia Sinica