

CONTACT INFORMATION	920 S Terrace Rd Tempe, AZ 85281	weizhi0908@gmail.com https://wayne0908.github.io
RESEARCH INTERESTS	Active Learning, Statistical Testing and Statistical Machine Learning	
EDUCATION	<b>Ph.D., Computer Engineering</b> Aug'22 Arizona State University, Tempe, USA Dissertation: <i>"Modeling and Exploiting the Structure of Data via Meta-Features for Robust and Efficient Machine Learning"</i> Advisors: Dr. Visar Berisha and Dr. Gautam Dasarathy <b>M.S., Electrical Engineering</b> Dec'17 Texas A&M University, College Station, USA Thesis: <i>"Noise-Tolerant Deep Learning for Histological Image Segmentation"</i> Advisors: Dr. Jim Ji and Dr. Xiaoning Qian <b>B.S., Electronic Information Science and Technology</b> Jun'15 Shandong University, Weihai, China Thesis: <i>"Influences of Two Image Dehazing Filters on Image Compression Algorithms"</i> <b>Outstanding Undergraduate Thesis</b>	
AWARDS	<b>UAI Student scholarship</b> Jun'22 <b>Graduate Travel Award</b> from Arizona State University (Remote) Aug'20 <b>Engineering Graduate Fellowship</b> from Arizona State University 18,19 <b>Poster Award</b> in SWE Region C Conference Poster Competition Mar'17 <b>Graduate Merit Scholarship</b> from Texas A&M University Aug'16 <b>Shandong University Departmental Scholarship</b> Oct'14	
EXPERIENCE	<b>Research Scientist</b> Sep'22 – Jan'23 Meta <b>Graduate Research Associate</b> Aug'18 – Aug'22 College of Health Solutions Arizona State University <b>Machine Learning Engineer Intern</b> May – Aug'21 Ads Core ML, Facebook <b>Graduate Research Assistant</b> Jan'16 – May'18 Department of Electrical and Computer Engineering Texas A&M University	
PUBLICATIONS	<b>W. Li, K. Ramamurthy, P. Kadambi, P. Saidi, G. Dasarathy, V. Berisha, "Active Sequential Two-Sample Testing", submitted to International Conference on Machine Learning (ICML), 2023.</b> <b>W. Li, G. Dasarathy, K. Ramamurthy, V. Berisha, "A Label Efficient Two-Sample Test", Uncertainty in Artificial intelligence (UAI), 2022. Acceptance rate: ~30%</b> <b>W. Li, G. Dasarathy, K. Ramamurthy, V. Berisha, "Finding the Homology of Decision Boundaries with Active Learning", Neural Information Processing Systems (NeurIPS), 2020. Acceptance rate: ~20%</b> <b>W. Li, G. Dasarathy, V. Berisha, "Regularization via Structural Label Smoothing", International Conference on Artificial Intelligence and Statistics (AISTATS), 2020. Acceptance rate: ~30%</b>	

C. Tsai, **W. Li**, X. Qian, Y. Lin, “Image Co-saliency Detection and Co-segmentation via Progressive Joint Optimization”, IEEE Transactions on Image Processing (TIP), 28(1), 56-71. **IF: 9.34**

**W. Li**, X. Qian, and J. Ji, “Noise-tolerant Deep Learning for Histopathological Image Segmentation”, International Conference on Image Processing (ICIP), 2017.

L. Wang, X. Zhou, C. Wang and **W. Li**, “The Effects of Image Dehazing Methods Using Dehazing Contrast-Enhancement Filters on Image Compression”, KSII Transactions on Internet and Information Systems (TIIS), vol. 10, no. 7, pp. 3245-3271, 2016.

TALKS & PRESENTATIONS	<b>Poster presentation</b> at Asilomar Conference on Signals, Systems, and Computers, Pacific Grove, CA	Oct'22
	<b>Invited talk</b> at Journal Club on Responsible Use of Machine Learning Research Hosted by ECEE Department at ASU, Tempe, AZ	Sep'22
	<b>Poster presentation</b> at Conference on Uncertainty in Artificial Intelligence, Virtual	Aug'22
	<b>Student panel</b> at the Ph.D. open house for the School of Computing and Augmented Intelligence at ASU	Feb'22
	<b>Poster presentation</b> at Conference on Conference on Neural Information Processing Systems, Virtual	Dec'20
	<b>Poster presentation</b> at International Conference on Artificial Intelligence and Statistics, Virtual	Aug'20
	<b>Poster presentation</b> at International Conference on Image Processing, Beijing, China	Sep'17
SUPERVISED STUDENTS	Robert Lattus (Now pursuing Ph.D. at University of Florida)	Mar – Nov'21
SERVICES & ACTIVITIES	<b>Reviewer</b> for AAAI, ICML, NeurIPS, Transaction on Information Theory	
	<b>Graduate Fulton Ambassador</b> in Arizona State University	May – Nov'20
	Medical Imaging Summer School: Medical Imaging Meets Machine Learning [ <a href="#">Activity Link</a> ]	Aug'16