CONTACT INFORMATION	920 S Terrace Rd Tempe, AZ 85281	weizhi0908@gmail.com https://wayne0908.github.io

RESEARCH INTERESTS

Active Learning, Statistical Hypothesis Testing and Statistical Machine Learning

EDUCATION

Ph.D., Computer Engineering   Aug'22
Arizona State University, Tempe, USA
Dissertation: *"Modeling and Exploiting the Structure of Data via Meta-Features for Robust and Efficient Machine Learning"*
Advisors: Dr. Visar Berisha and Dr. Gautam Dasarathy

M.S., Electrical Engineering   Dec'17
Texas A&M University, College Station, USA
Thesis: *"Noise-Tolerant Deep Learning for Histological Image Segmentation"*
Advisors: Dr. Jim Ji and Dr. Xiaoning Qian

B.S., Electronic Information Science and Technology   Jun'15
Shandong University, Weihai, China
Thesis: *"Influences of Two Image Dehazing Filters on Image Compression Algorithms"*
Outstanding Undergraduate Thesis

AWARDS

UAI **Student scholarship**	Jun'22
Graduate Travel Award from Arizona State University (Remote)	Aug'20
Engineering Graduate Fellowship from Arizona State University	18,19
Poster Award in SWE Region C Conference Poster Competition	Mar'17
Graduate Merit Scholarship from Texas A&M University	Aug'16
Shandong University **Departmental Scholarship**	Oct'14

EXPERIENCE

Postdoctoral Researcher   Jan'23 – Now
College of Health Solutions
Arizona State University

Research Scientist   Sep'22 – Jan'23
Meta

Graduate Research Associate   Aug'18 – Aug'22
College of Health Solutions
Arizona State University

Machine Learning Engineer Intern   May – Aug'21
Ads Core ML, Facebook

Graduate Research Assistant   Jan'16 – May'18
Department of Electrical and Computer Engineering
Texas A&M University

PUBLICATIONS

[P1] **W. Li**, K. Ramamurthy, P. Kadambi, P. Saidi, G. Dasarathy, V. Berisha, "Active Sequential Two-Sample Testing", submitted to Neural Information Processing Systems (NeurIPS), 2023.

[P2] **W. Li**, G. Dasarathy, K. Ramamurthy, V. Berisha, "A Label Efficient Two-Sample Test", Uncertainty in Artificial intelligence (UAI), 2022. **Acceptance rate: ~30%**

[P3] **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%**

[P4] **W. Li**, G. Dasarathy, V. Berisha, "Regularization via Structural Label Smoothing", International Conference on Artificial Intelligence and Statistics (AISTATS), 2020. **Acceptance rate: ~30%**

[P5] 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**

[P6] **W. Li**, X. Qian, and J. Ji, "Noise-tolerant Deep Learning for Histopathological Image Segmentation", International Conference on Image Processing (ICIP), 2017.

[P7] 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 & PRENSENTATIONS	**Poster presentation** at Asilomar Conference on Signals, Systems, and Computers, Pacific Grove, CA — Oct'22
	Invited talk at Journal Club on Responsible Use of Machine Learning Research Hosted by ECEE Department at ASU, Tempe, AZ — Sep'22
	Poster presentation at Conference on Uncertainty in Artificial Intelligence, Virtual — Aug'22
	Student panel at the Ph.D. open house for the School of Computing and Augmented Intelligence at ASU — Feb'22
	Poster presentation at Conference on Conference on Neural Information Processing Systems, Virtual — Dec'20
	Poster presentation at International Conference on Artificial Intelligence and Statistics, Virtual — Aug'20
	Poster presentation 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	**Reviewer** for NeurIPS'21, NeurIPS'22 and NeurIPS'23
	Reviewer for ICML'21, ICML'22 and ICML'23
	Reviewer for AAAI'23 and UAI'23
	Reviewer for Transactions in Information Theory — Dec'21
	Mentor for DataFest hackathon hosted in Arizona State University — Mar'23
	Graduate Fulton Ambassador in Arizona State University — May – Nov'20
	Medical Imaging Summer School: Medical Imaging Meets Machine Learning [Activity Link] — Aug'16
	Volunteer for International Triathlon Competition host at Weihai, China — June'14
REFERENCES	Visar Berisha Professor School of Electrical Computer and Energy Engineering visar@asu.edu
	Gautam Dasarathy Assistant Professor School of Electrical Computer and Energy Engineering gautamd@asu.edu