# WEIZHI LI                                   CURRICULAM VITAE

| CONTACT INFORMATION | 8520 Jetty Way<br>Newark, CA 94560 | weizhili@asu.edu<br>https://wayne0908.github.io |
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**RESEARCH INTERESTS**

Active Learning, Statistical 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**

**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**

**Research Scientist**                                   Sep'22 – Present
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**

**W. Li**, G. Dasarathy, K. Ramamurthy, V. Berisha, "A label efficient two-sample test", Uncertainty in Artificial intelligence (UAI), 2022. **Acceptance rate: ~30%**

**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%**

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

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.

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| 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 |
| | **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 |
| SERVICES & ACTIVITIES | **Reviewer** for AAAI, ICML, NeurIPS, Transaction on Information Theory | |
| | **Graduate Fulton Ambassador** in Arizona State University | May – Nov'20 |
| | Medical Imaging Summer School: Medical Imaging Meets Machine Learning [Activity Link] | Aug'16 |