

# Yuezun Li

Associate Professor

Department of Computer Science and Technology

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## EDUCATION

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- **University at Albany, State University of New York** 2015-2020  
Ph.D., Computer Science USA
- **Shandong University** 2012-2015  
M.S., Computer Science and Technology China
- **Shandong University** 2008-2012  
B.S., Software Engineering China

## EXPERIENCE

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- **Ocean University of China** 2026.1 - present  
Associate Professor Qingdao, Shandong, China
- **Ocean University of China** 2020.12 - 2025.12  
Assistant Professor Qingdao, Shandong, China
- **University at Buffalo, State University of New York** 2020.9 - 2020.11  
Senior Reserach Scientist Buffalo, NY, USA
- **GE Global Reserach Center** 2016 - 2018  
Summer Internship Niskayuna, NY, USA

## RESEARCH SUMMARY

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- Interests: Multimedia Forensics, Computer vision, Machine Learning
- Highlights: I have published numerous top-tier papers with over 9900 citations, including several works with more than 1500 citations each (CVPR20, CVPRW19, ICASSP19, WIFS18). The WIFS18 paper was also featured on CCTV13's "World Weekly" special on deepfakes [7:43]. I have been recognized on Stanford's 2023/2024/2025 list of the top 2% of scientists worldwide and am a recipient of the 2024 ACM Qingdao Rising Star Award.
- Google Scholar: <https://scholar.google.com/citations?user=v0Qt7BAAAAAJ>

## PUBLICATIONS

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\*: Equal contribution; #: Corresponding author

### Conference

- C32 [CVPR'26] Ao Luo, Xin Li, Fan Yang, **Yuezun Li**, Zhaoquan Yuan, Shan Zhao, Bing Su, Xiao Wu. *Optical Flow Matching: Reframing Optical Flow as Continuous Transport Dynamics*. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2026. (Oral)
- C31 [WACV'25] Yunfei Li, **Yuezun Li**#, Xin Wang, Baoyuan Wu, Jiaran Zhou, Junyu Dong. *Texture, Shape and Order Matter: A New Transformer Design for Sequential DeepFake Detection*. IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2025. (Oral)
- C30 [CVPR'25] Shuaiwei Yuan, Junyu Dong, **Yuezun Li**#. *Where the Devil Hides: Deepfake Detectors Can No Longer Be Trusted*. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2025.
- C29 [CVPR'25] Xinjie Cui, **Yuezun Li**#, Ao Luo, Jiaran Zhou, Junyu Dong. *Forensics Adapter: Adapting CLIP for Generalizable Face Forgery Detection*. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2025.
- C28 [ICME'25] Xudong Wang, Jiaran Zhou, Huiyu Zhou, Junyu Dong, **Yuezun Li**#. *HRGR: Enhancing Image Manipulation Detection via Hierarchical Region-aware Graph Reasoning*. IEEE International Conference on Multimedia & Expo (ICME), 2025.
- C27 [NeurIPS'24] Hanzhe Li, Jiaran Zhou, **Yuezun Li**#, Baoyuan Wu, Bin Li, Junyu Dong. *FreqBlender: Enhancing DeepFake Detection by Blending Frequency Knowledge*. Annual Conference on Neural Information Processing Systems (NeurIPS), 2024.

- C26 [ACCV'24] Dongliang Zhang, Yunfei Li, Jiaran Zhou, **Yuezun Li**<sup>#</sup>. *DPL: Cross-quality DeepFake Detection via Dual Progressive Learning*. Asian Conference on Computer Vision (ACCV), 2024.
- C25 [PG'24] Tengjia Kang, **Yuezun Li**, Jiaran Zhou, Shiqing Xin, Junyu Dong, Changhe Tu. *TPAM: Transferable Perceptual-constrained Adversarial Meshes*. Pacific Graphics (PG), 2024.
- C24 [BMVC'24] Yangxiang Zhang, **Yuezun Li**<sup>#</sup>, Ao Luo, Jiaran Zhou, Junyu Dong. *FastForensics: Efficient Two-Stream Design for Real-Time Image Manipulation Detection*. British Machine Vision Conference (BMVC), 2024.
- C23 [BMVC'24] Ying Zhang, **Yuezun Li**<sup>#</sup>, Bo Peng, Jiaran Zhou, Huiyu Zhou, Junyu Dong. *Mummy: Multilateral Temporal-view Pyramid Transformer for Video Inpainting Detection*. British Machine Vision Conference (BMVC), 2024.
- C22 [ECCV'24] Yuzhen Lin, Wentang Song, Bin Li, **Yuezun Li**, Jiangqun Ni, Han Chen, Qiushi Li. *Fake It till You Make It: Curricular Dynamic Forgery Augmentations towards General Deepfake Detection*. European Conference on Computer Vision (ECCV), 2024.
- C23 [ICMR'24] Jiaao Yu, Yunlai Ding, Junyu Dong, **Yuezun Li**<sup>#</sup>. *Dynamic Soft Labeling for Visual Semantic Embedding*. ACM International Conference on Multimedia Retrieval (ICMR), 2024.
- C22 [ICASSP'24] Cong Zhang, **Yuezun Li**, Honggang Qi, Siwei Lyu. *Enhancing Adversarial Robustness of DNNs via Weight Decorrelation in Training*. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2024.
- C21 [ICME'23] Jiucui Lu, **Yuezun Li**<sup>#</sup>, Jiaran Zhou, Bin Li, Siwei Lyu. *Forensics Forest: Multi-scale Hierarchical Cascade Forest for Detecting GAN-generated Faces*. IEEE International Conference on Multimedia and Expo (ICME), 2023. (Oral)
- C20 [ICME'23] **Yuezun Li**<sup>#</sup>, Jiaran Zhou, Siwei Lyu. *Face Poison: Obstructing DeepFakes by Disrupting Face Detection*. IEEE International Conference on Multimedia and Expo (ICME), 2023.
- C19 [ICIP'22] Pu Sun, **Yuezun Li**<sup>#</sup>, Honggang Qi, Siwei Lyu. *Faketracer: Exposing DeepFakes with Training Data Contamination*. IEEE International Conference on Image Processing (ICIP), 2022.
- C18 [PR'22] Wenbo Pu, Jing Hu, Xin Wang, **Yuezun Li**, Shu Hu, Bin Zhu, Qi Song, Xi Wu, Siwei Lyu. *Learning a Deep Dual-level Network for Robust DeepFake Detection*. Pattern Recognition (PR), 2022.
- C17 [MIPR'22] Jiaran Zhou, **Yuezun Li**<sup>#</sup>. *Detection-by-Simulation: Exposing DeepFake via Simulating Forgery using Face Reconstruction*. IEEE International Conference on Multimedia Information Processing and Retrieval (MIPR), 2022.
- C16 [ICCV'21] **Yuezun Li**, Yiming Li, Baoyuan Wu, Longkang Li, Ran He, Siwei Lyu. *Invisible Backdoor Attack with Sample-Specific Triggers*. IEEE International Conference on Computer Vision (ICCV), 2021.
- C15 [IJCB'21] Bo Peng, Hongxing Fan, Wei Wang, Jing Dong, **Yuezun Li**, Siwei Lyu, etc. *DFGC 2021: A DeepFake Game Competition*. International Joint Conference on Biometrics (IJCB), 2021.
- C14 [S&P'21] **Yuezun Li**, Cong Zhang, Pu Sun, Lipeng Ke, Yan Ju, Honggang Qi, Siwei Lyu. *DeepFake-o-meter: An Open Platform for DeepFake Detection*. Systematic Approaches to Digital Forensic Engineering (S&P), 2021.
- C13 [ICIP'21] Quanyu Liao, **Yuezun Li**, Xin Wang, Bin Kong, Bin Zhu, Siwei Lyu, Youbing Yin, Qi Song, Xi Wu. *Imperceptible Adversarial Examples For Fake Image Detection*. IEEE International Conference on Image Processing (ICIP), 2021.
- C12 [ICASSP'21] Shu Hu, **Yuezun Li**, Siwei Lyu. *Exposing GAN-generated Faces Using Inconsistent Corneal Specular Highlights*. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2021.
- C11 [WIFS'20] Pu Sun<sup>\*</sup>, **Yuezun Li**<sup>\*</sup>, Honggang Qi, Siwei Lyu. *Landmark Breaker: Obstructing DeepFake By Disturbing Landmark Extraction*. IEEE International Workshop on Information Forensics and Security (WIFS), 2020.

- C10** [ICIP'20] **Yuezun Li\***, Ao Luo\*, Siwei Lyu. *Fast Portrait Segmentation with Highly Light-weight Network*. IEEE International Conference on Image Processing (ICIP), 2020.
- C9** [CVPR'20] **Yuezun Li**, Xin Yang, Pu Sun, Honggang Qi, Siwei Lyu. *Celeb-DF: A Large-scale Challenging Dataset for DeepFake Forensics*. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2020.
- C8** [AVSS'19] **Yuezun Li\***, Longyin Wen\*, Ming-Ching Chang, Siwei Lyu. *Graph-to-Graph Energy Minimization for Video Object Segmentation*. IEEE International Conference on Advanced Video and Signal-Based Surveillance (AVSS), 2019 (Oral).
- C7** [BMVC'19] **Yuezun Li**, Xiao Bian, Ming-Ching Chang, Siwei Lyu. *Exploring the Vulnerability of Single Shot Module in Object Detectors via Imperceptible Background Patches*. British Machine Vision Conference (BMVC), 2019.
- C6** [CVPRW'19] **Yuezun Li**, Siwei Lyu. *Exposing DeepFake Videos By Detecting Face Warping Artifacts*. IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Workshop on Media Forensics, 2019.
- C5** [IHMMSec'19] **Yuezun Li**, Siwei Lyu. *De-identification Without Losing Faces*. ACM Workshop on Information Hiding and Multimedia Security (IHMMSec), 2019.
- C4** [IHMMSec'19] Xin Yang, **Yuezun Li**, Honggang Qi, Siwei Lyu. *Exposing GAN-synthesized Faces Using Landmark Locations*. ACM Workshop on Information Hiding and Multimedia Security (IHMMSec), 2019.
- C3** [ICASSP'19] Xin Yang\*, **Yuezun Li\***, Siwei Lyu. *Exposing Deep Fakes Using Inconsistent Head Poses*. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2019.
- C2** [BMVC'18] **Yuezun Li**, Daniel Tian, Ming-Ching Chang, Xiao Bian, Siwei Lyu. *Robust Adversarial Perturbation on Deep Proposal-based Models*. British Machine Vision Conference (BMVC), 2018.
- C1** [AVSS'18] **Yuezun Li**, Xiao Bian, Ming-Ching Chang, Longyin Wen, Siwei Lyu. *Pixel Offset Regression (POR) for Single-shot Instance Segmentation*. IEEE International Conference on Advanced Video and Signal-Based Surveillance (AVSS), 2018.

## Journal

- J20** [TIFS'26] Hongrui Zheng, **Yuezun Li**, Liejun Wang, Yunfeng Diao, Zhiqing Guo. *Boosting Active Defense Persistence: A Two-Stage Defense Framework Combining Interruption and Poisoning Against Deepfake*. IEEE Transactions on Information Forensics and Security (TIFS), 2026
- J19** [TIP'25] Jinkun Jiang, Qingxuan Lv, **Yuezun Li**<sup>#</sup>, Yong Du, Junyu Dong<sup>#</sup>, Sheng Chen, Hui Yu. *HG-SFDA: HyperGraph Learning Meets Source-free Unsupervised Domain Adaptation*. IEEE Transactions on Image Processing (TIP), 2025.
- J18** [TDSC'25] Delong Zhu, **Yuezun Li**<sup>#</sup>, Baoyuan Wu, Jiaran Zhou, Zhibo Wang, Siwei Lyu. *Hiding Faces in Plain Sight: Defending DeepFakes by Disrupting Face Detection*. IEEE Transactions on Dependable and Secure Computing (TDSC), 2025. (Extended from ICME 2023)
- J17** [TCSVT'25] Qingxuan Lv, Junyu Dong<sup>#</sup>, **Yuezun Li**<sup>#</sup>, Sheng Chen, Hui Yu, Shu Zhang, Wenhan Wang. *UWStereo: A Large Synthetic Dataset for Underwater Stereo Matching*. IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2025.
- J16** [TCSVT'24] Yang Yu, Qingxuan Lv, **Yuezun Li**<sup>#</sup>, Zhiqiang Wei, Junyu Dong<sup>#</sup>. *PhyTracker: An Online Tracker for Phytoplankton*. IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2024.
- J15** [TIFS'24] Qingxuan Lv, **Yuezun Li**<sup>#</sup>, Junyu Dong<sup>#</sup>, Sheng Chen, Hui Yu, Huiyu Zhou, Shu Zhang. *DomainForensics: Exposing Face Forgery across Domains via Bi-directional Adaptation*. IEEE Transactions on Information Forensics and Security (TIFS), 2024.
- J14** [TCSVT'24] Cong Zhang, Honggang Qi, Shuhui Wang, **Yuezun Li**<sup>#</sup>, Siwei Lyu. *COMICS: End-to-end Bi-grained Contrastive Learning for Multi-face Forgery Detection*. IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2024.

- J13 [TIFS'24] Jiucui Lu, Jiaran Zhou<sup>#</sup>, Junyu Dong, Bin Li, Siwei Lyu, **Yuezun Li**<sup>#</sup>. *ForensicsForest Family: A Series of Multi-scale Hierarchical Cascade Forests for Detecting GAN-generated Faces*. IEEE Transactions on Information Forensics and Security (TIFS), 2024. (Extended from ICME 2023)
- J12 [TETC'24] Pu Sun, Honggang Qi, **Yuezun Li**<sup>#</sup>, Siwei Lyu. *FakeTracer: Catching Face-swap DeepFakes via Implanting Traces in Training*. IEEE Transactions on Emerging Topics in Computing (TETC), 2024. (Extended from ICIP 2022)
- J11 [KBS'24] Yunlai Ding, Jiaao Yu, Qingxuan Lv, Haoran Zhao, Junyu Dong, **Yuezun Li**. *Multiview Adaptive Attention Pooling for Image-Text Retrieval*. Knowledge-Based Systems (KBS), 2024.
- J10 [CVIU'24] **Yuezun Li**, Pu Sun, Honggang Qi, Siwei Lyu. *LandmarkBreaker: A proactive method to obstruct DeepFakes via disrupting facial landmark extraction*. Computer Vision and Image Understanding (CVIU), 2024. (Extended from WIFS 2020)
- J9 [CVIU'24] **Yuezun Li**, Cong Zhang, Honggang Qi, Siwei Lyu. *AdaNI: Adaptive Noise Injection to Improve Adversarial Robustness*. Computer Vision and Image Understanding (CVIU), 2024.
- J8 [JMSE'23] Jiaao Yu, Qingxuan Lv, **Yuezun Li**<sup>#</sup>, Junyu Dong<sup>#</sup>, Haoran Zhao, Qiong Li. *PMOT2023: A large-scale multi-object tracking (MOT) dataset with application to phytoplankton observation*. Journal of Marine Science and Engineering (JMSE), 2023.
- J7 [TNNLS'23] Ao Luo, Fan Yang, Xin Li, **Yuezun Li**, Zhicheng Jiao, Hong Cheng, Siwei Lyu. *Robust Scene Parsing by Mining Supportive Knowledge from Dataset*. IEEE Transactions on Neural Networks and Learning Systems (TNNLS), 2023.
- J6 [TCSVT'23] Qingxuan Lv, **Yuezun Li**<sup>#</sup>, Junyu Dong<sup>#</sup>, Ziqian Guo. *LaFea: Learning Latent Representation beyond Feature for Universal Domain Adaptation*. IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2023.
- J5 [COSE'23] Xianglong He, **Yuezun Li**<sup>#</sup>, Haipeng Qu, Junyu Dong. *Improving Transferable Adversarial Attack via Feature-Momentum*. Computers & Security (COSE), 2023.
- J4 [PR'23] Han Chen\*, **Yuezun Li**\*, Dongdong Lin, Bin Li, Junqiang Wu. *Watching the BiG Artifacts: Exposing DeepFake Videos via Bi-Granularity Artifacts*. Pattern Recognition (PR), 2023.
- J3 [PR'22] Wenbo Pu, Jing Hu, Xin Wang, **Yuezun Li**, Shu Hu, Bin Zhu, Qi Song, Xi Wu, Siwei Lyu. *Learning a Deep Dual-level Network for Robust DeepFake Detection*. Pattern Recognition (PR), 2022.
- J2 [PRL'22] Pu Sun\*, **Yuezun Li**\*, Honggang Qi, Siwei Lyu. *LandmarkGAN: Synthesizing Faces from Landmarks*. Pattern Recognition Letters (PRL), 2022.
- J1 [CVIU'21] **Yuezun Li**, Ming-Ching Chang, Pu Sun, Honggang Qi, Junyu Dong, Siwei Lyu. *TransRPN: Towards the Transferable Adversarial Perturbations Using Region Proposal Networks and Beyond*. Computer Vision and Image Understanding (CVIU), 2021.

## Preprints

- P8 Zihe Wei, **Yuezun Li**<sup>#</sup>. *Generalizing Video DeepFake Detection by Self-generated Audio-Visual Pseudo-Fakes*. arXiv:2604.09110, 2026.
- P7 Mengxin Fu, **Yuezun Li**<sup>#</sup>. *Detecting Diffusion-generated Images via Dynamic Assembly Forests*. arXiv:2604.09106, 2026.
- P6 Zhengxuan Zhang, Keji Song, Junmin Hu, Ao Luo, **Yuezun Li**<sup>#</sup>. *Off-the-shelf Vision Models Benefit Image Manipulation Localization*. arXiv:2604.09096, 2026.
- P5 **Yuezun Li**<sup>#</sup>, Delong Zhu, Xinjie Cui, Siwei Lyu. *Celeb-DF: A Large-scale Challenging Video DeepFake Benchmark for Generalizable Forensics*. arXiv:2507.18015, 2025.
- P4 Yunfei Li, **Yuezun Li**<sup>#</sup>, Baoyuan Wu, Junyu Dong, Guopu Zhu, Siwei Lyu. *Texture, Shape, Order, and Relation Matter: A New Transformer Design for Sequential DeepFake Detection*. arXiv:2404.13873, 2025.
- P3 Xinjie Cui, **Yuezun Li**<sup>#</sup>, Delong Zhu, Jiaran Zhou, Junyu Dong, Siwei Lyu. *Forensics Adapter: Unleashing CLIP for Generalizable Face Forgery Detection*. arXiv:2411.19715, 2025.

**P2** Pu Sun, Honggang Qi<sup>#</sup>, **Yuezun Li**<sup>#</sup>. *Active Fake: DeepFake Camouflage*. arXiv:2409.03200, 2024.

**P1** **Yuezun Li**, Xin Yang, Baoyuan Wu, Siwei Lyu. *Hiding Faces in Plain Sight: Disrupting AI Face Synthesis with Adversarial Perturbations*. arXiv:1906.09288, 2019. (Preliminary version of TDSC 2025)

## FUNDS

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- 2025–2027: PI, Young Scientists Fund of the Shandong Province NSF
- 2025–2027: PI, Young Scientists Fund of the China NSF
- 2022–2023: PI, Fundamental Research Funds for the Central Universities
- 2022–2023: PI, Qingdao Postdoctoral Applied Research Project
- 2021–2022: PI, CPSF 70th Anniversary Support
- 2021–2022: PI, CPSF Special Support

## TALKS

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- 2025.10: Talk on "Advances on Visual Forensics" at PRCV 2025.
- 2025.01: Talk on "Face Forensics in the Wild" at CSIG Young Scholars Forum 2025.
- 2024.11: Organized the Biometric Security Forum at CCBR 2024.
- 2024.11: Talk on "Face Forensics in Real-world Scenarios" at Young Scholars Forum of Shandong Computer Vision Conference.
- 2023.11: Talk on "D3: DeepFake Detection and Defense" at Academic Up-and-coming Talent Forum, CSIG ChinaFMS 2023.
- 2022.12: Talk on "Research Progress in Artificial Intelligence Security" at CCBR 2022.
- 2022.07: Tutorial on "DeepFake Creation, Detection, and Obstruction" at ICME 2022.
- 2021.06: Tutorial on "DeepFake Generation and Detection" at ICASSP 2021.
- 2021.08: Tutorial on "Detecting AI-Synthesized Faces" at IJCB 2021.

## PROFESSIONAL SERVICES

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### Committee

- Member: CAAI-ML (Chinese Association for Artificial Intelligence – Machine Learning )
- Member: CAA-PRMI (Chinese Association of Automation – Pattern Recognition and Machine Intelligence )
- Member: CSIG-MV (China Society of Image and Graphics – Machine Vision )
- Member: CSIG-DMFSC (China Society of Image and Graphics – Digital Media Forensics and Security )
- Member: CSIG-BR (China Society of Image and Graphics – Biometrics Recognition )

### Memberships

- Member: IEEE, ACM
- Senior Member: CCF

### Reviewer

- Conference: CVPR; ICCV; ECCV; ICML; AAAI; NeurIPS; ICLR; BMVC
- Journal: IEEE TIFS; IEEE TPAMI; IEEE TIP; IEEE TNNLS; IEEE JSTSP; IEEE TMM; IEEE TETCI; IJCV; IEEE TCSVT; Pattern Recognition

## HONORS AND AWARDS

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- 2023 – present: Stanford Top 2% of scientists worldwide
- 2024: ACM Qingdao Rising Star Award