Jiaran Zhou

Associate Professor
Department of Computer Science and Technology
Ocean University of China

Address: 1299 Sansha Road, Qingdao, China, 266400
Email: zhoujiaran@ouc.edu.cn
Homepage: https://jiaranzhou.github.io/

Education

2012.09–2020.06:	**Ph.D. in Computer Science and Technology,** Shandong University, Qingdao, China. Advisor: Prof. Changhe Tu
2008.09–2012.06:	**B.Eng. in Computer Science and Technology,** Shandong University, Jinan, China.

Experience

2025.01–present:	**Associate professor,** Ocean University of China, Qingdao, China.
2020.07–2024.12:	**Lecturer,** Ocean University of China, Qingdao, China.
2015.10–2017.10:	**Visiting student,** New York University, New York, USA. Advisor: Prof. Claudio T. Silva

Funding

1. 2025.01–2027.12: PI, Shandong Provincial Natural Science Foundation(ZR2024MF083).

2. 2022.01–2024.12: PI, National Natural Science Foundation of China(62102380).

3. 2022.01–2024.12: PI, Shandong Provincial Natural Science Foundation(ZR2021QF095).

4. 2021.01–2022.07: PI, China Postdoctoral Science Foundation(2021M693022).

Publications

1. **Hiding Faces in Plain Sight: Defending DeepFakes by Disrupting Face Detection.** Delong Zhu, Yuezun Li, Baoyuan Wu, Jiaran Zhou, Zhibo Wang and Siwei Lyu. *IEEE Transactions On Dependable And Secure Computing*, 2025.

2. **NeurCross: A Neural Approach to Computing Cross Fields for Quad Mesh Generation.** Qiujie Dong, Huibiao Wen, Rui Xu, Shuangmin Chen, Jiaran Zhou, Shiqing Xin, Changhe Tu, Taku Komura and Wenping Wang. *ACM Transactions on Graphics (SIGGRAPH)*, 2025.

3. **HRGR: Enhancing Image Manipulation Detection via Hierarchical Region-aware Graph Reasoning.** Xudong Wang, Jiaran Zhou, Huiyu Zhou, Junyu Dong and Yuezun Li. *IEEE International Conference on Multimedia and Expo*, 2025.

4. **Forensics Adapter: Adapting CLIP for Generalizable Face Forgery Detection.** Xinjie Cui, Yuezun Li, Ao Luo, <u>Jiaran Zhou</u> and Junyu Dong. *IEEE Conference on Computer Vision and Pattern Recognition*, 2025.

5. **Texture, Shape and Order Matter: A New Transformer Design for Sequential DeepFake Detection.** Yunfei Li, Yuezun Li, Xin Wang, Baoyuan Wu, <u>Jiaran Zhou</u> and Junyu Dong. *IEEE/CVF Winter Conference on Applications of Computer Vision*, 2025.

6. **FreqBlender: Enhancing DeepFake Detection by Blending Frequency Knowledge.** Hanzhe Li[†], <u>Jiaran Zhou</u>[†], Yuezun Li, Baoyuan Wu, Bin Li and Junyu Dong. *Annual Conference on Neural Information Processing Systems*, 2024. ([†]Co-first author)

7. **DPL: Cross-quality DeepFake Detection via Dual Progressive Learning.** Dongliang Zhang, Yunfei Li, <u>Jiaran Zhou</u> and Yuezun Li. *Asian Conference on Computer Vision*, 2024.

8. **FastForensics: Efficient Two-Stream Design for Real-Time Image Manipulation Detection.** Yangxiang Zhang, Yuezun Li, Ao Luo, <u>Jiaran Zhou</u> and Junyu Dong. *British Machine Vision Conference*, 2024.

9. **Mumpy: Multilateral Temporal-view Pyramid Transformer for Video Inpainting Detection.** Ying Zhang, Yuezun Li, Bo Peng, <u>Jiaran Zhou</u>, Huiyu Zhou and Junyu Dong. *British Machine Vision Conference*, 2024.

10. **TPAM: Transferable Perceptual-constrained Adversarial Meshes.** Tengjia Kang, Yuezun Li, <u>Jiaran Zhou</u>, Shiqing Xin, Junyu Dong and Changhe Tu. *Pacific Conference on Computer Graphics and Applications*, 2024.

11. **ForensicsForest Family: A Series of Multi-Scale Hierarchical Cascade Forests for Detecting GAN-Generated Faces.** Jiucui Lu, <u>Jiaran Zhou</u>, Junyu Dong, Bin Li, Siwei Lyu and Yuezun Li. *IEEE Transactions on Information Forensics and Security*, 2024.

12. **Face Poison: Obstructing DeepFakes by Disrupting Face Detection.** Yuezun Li, <u>Jiaran Zhou</u> and Siwei Lyu. *IEEE International Conference on Multimedia and Expo*, 2023.

13. **Forensics Forest: Multi-scale Hierarchical Cascade Forest for Detecting GAN-generated Faces.** Jiucui Lu, Yuezun Li, <u>Jiaran Zhou</u>, Bin Li and Siwei Lyu. *IEEE International Conference on Multimedia and Expo*, 2023.

14. **Detection-by-Simulation: Exposing DeepFake via Simulating Forgery using Face Reconstruction.** <u>Jiaran Zhou</u> and Yuezun Li. *IEEE International Conference on Multimedia Information Processing and Retrieval*, 2022.

15. **Combinatorial Construction of Seamless Parameter Domains.** <u>Jiaran Zhou</u>, Changhe Tu, Denis Zorin and Marcel Campen. *Computer Graphics Forum (Eurographics)*, 2020.

16. **Seamless Parametrization with Arbitrary Cones for Arbitrary Genus.** Marcel Campen, Hanxiao Shen, <u>Jiaran Zhou</u> and Denis Zorin. *ACM Transactions on Graphics*, 2019.

17. **Quadrangulation of Non-rigid Object Using Deformation Metrics.** <u>Jiaran Zhou</u>, Marcel Campen, Denis Zorin, Changhe Tu and Claudio T. Silva. *Computer Aided Geometric Design (GMP)*, 2018.

Service

- Executive member of CCF Technical Committee on Computer Aided Design and Graphics.

- Committee member of CSIAM Activity Group on Geometric Design and Computing.

- Executive member of GAMES(Graphics And Mixed Environment Symposium).

Awards

- Honorable Mention of Günter Enderle Award, 2020

- China Scholarship Council Scholarship, 2015

- Excellent Graduate Student of Shandong University, 2015

- First Prize Academic Scholarship of Shandong University, 2014, 2015

- Outstanding Graduate Award of Shandong Province, 2012

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