Meiling Li

Date of Birth: Oct. 11th, 1999

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Education Background

09/2016 - 06/2020   Shandong University   Software Engineering   4.70/5, 1/111   Bachelor's Degree

Supervisor: Chengyou Wang (wangchengyou@sdu.edu.cn)

09/2020 till now   Fudan University   Cyberspace Security   3.77/4, 1/15   Ph.D. Candidate

Supervisor: Xinpeng Zhang (zhangxinpeng@fudan.edu.cn) & Zhenxing Qian (zxqian@fudan.edu.cn)

Languages: Mandarin (Native), English (Fluent): CET-4: 619/CET-6: 595

Research Interests

AIGC Detection and Attribution (Current Focus), AI Security, AI Applications

Publications & Working Papers

1. **M.L. Li**, N. Zhong, X.P. Zhang, et al. Object-oriented backdoor attack against image captioning. ICASSP, 2022.

2. **M.L. Li**, Z.X. Qian, X.P. Zhang. General artificial intelligence-generated image detection: a survey, under review. (Chinese)

3. **M.L. Li**, Z.X. Qian, X.P. Zhang. DM-generated image attribution via re-synthesis, under review.

4. **M.L. Li**, Z.X. Qian, X.P. Zhang. Towards multi-source comment generation with high relevance, under review.

5. **M.L. Li**, H.R. Ren, H.X. Xiong, et al. Customized prompt trading via combinatorial online learning and hierarchical Stackelberg game, under review. (Reported by MIT Technology Review China / DeepTech)

6. X. Xuan, C.Y. Wang, **M.L. Li**. A fragile watermark scheme for image recovery based on singular value decomposition, edge detection and median filter. Applied Sciences, 2019.

7. G.B. Li, S. Li, **M.L. Li**, et al. Steganography of steganographic networks. AAAI, 2023. (Oral)

8. Z.J. Guo, **M.L. Li**, Y.M. Zhou, et al. Overview of digital watermarking technology for AI-generated content models. Journal of Cybersecurity, 2024. (Chinese)

9. Y.J. Wang*, **M.L. Li***, G.Z. Liu, et al. MSAQE: A large-scale dataset for multi-view scenic areas quality evaluation. DASFAA, 2025. (Oral)

10. C.X. Li, X.X. Wang, **M.L. Li**, et al. RRDataset: A comprehensive benchmark for AI-generated image detection in real-world scenarios, under review.

Research Projects

- **02/2024-06/2024**: Research on scenic spot quality evaluation based on artificial intelligence and big data technology, supported by Administration for Market Regulation, Guizhou Province (Participation)
- **05/2024-06/2026**: Research on large model AIGC image detection and attribution methods, supported by National Key Laboratory of Blockchain and Data Security, Zhejiang University (Participation)

Academic Activities

- **06/2021**: CCF Academic Conference on the Beauty of Computing, Ningbo City, Zhejiang Province, China
- **07/2021**: World Artificial Intelligence Conference (WAIC), Shanghai City, China
- **10/2021**: ACM Multimedia, Chengdu City, Sichuan Province, China
- **05/2022**: ICASSP, Virtual
- **09/2022**: The 9th Heidelberg Laureate Forum (HLF), Heidelberg, Frankfurt, Germany
- **11/2022**: Artificial Intelligence Security Academic Seminar, Shanghai City, China
- **04/2023**: National Multimedia Forensics and the 2nd Multimedia Intelligent Security Academic Seminar, Hangzhou City, Zhejiang Province, China
- **05/2023**: Multimedia Intelligent Security Seminar, Suzhou City, Jiangsu Province, China
- **10/2023**: China National Computer Congress (CNCC), Shenyang City, Liaoning Province, China
- **04/2024**: The 3rd Multimedia Intelligent Security Academic Seminar, Nanchang City, Jiangxi Province, China
- **07/2024**: China Multimedia (China MM), Yinchuan City, Ningxia Hui Autonomous Region, China
- **10/2024**: China National Computer Congress (CNCC), Ningbo City, Zhejiang Province, China

Reviewer of ACM Multimedia 2023, WWW 2025, IJCNN 2025, etc

Development Projects

- **08/2017**: Food Enterprise Ordering and Sales System, developed based on Java + Sql Server
- **05/2018**: Driving School Reservation Management System, developed based on C# + Sql Server

School Activities

- **02/2021-07/2022**: Ph.D. Program in School of Computer Science (2020 Batch), Counsellor Assistant
- **09/2021**: The 26th Graduate Student Congress of Fudan University, Representative
- **09/2021-06/2022**: Undergraduate Linear Algebra Course, Teaching Assistant
- **08/2024-08/2024**: "Leading the Future with Intelligence, Ignite Youth with AI" Social Practice, "Pytorch Programming Practice" Project Leader

Awards & Honors

- **04/2015**: Merit Student, Hebei Province
- **11/2017**: National Scholarship (Top 1%)
- **07/2018**: Principal Scholarship for Overseas Experience Project (Exchange Student in UC Irvine, USA)
- **11/2018**: Mathematics Competition for College Students in Shandong Province, Second Prize
- **05/2019**: Student Research Training Program, Second Prize
- **12/2019**: National Scholarship (Top 1%)
- **06/2020**: Outstanding Graduate, Shandong Province
- **11/2020**: National English Competition for College Students, Third Prize
- **12/2021**: First-class Scholarship for Outstanding Students of Master's Degrees, Fudan University
- **09/2022**: First-class Scholarship for Outstanding Doctoral Candidates, Fudan University
- **08/2023**: Best Design Award in the 3rd Cultural and Creative Design Competition, School of Computer Science, Fudan University
- **12/2023**: Second-class Scholarship for Outstanding Ph.D. Students, Fudan University
- **12/2023**: Second-class Xinpu Gengdu Scholarship
- **07/2024**: Chinese government scholarship program (16.2k Euro)
- **03/2025**: Third-class Scholarship for Outstanding Ph.D. Students, Fudan University

Other About Me

- **Content Creator**, with over 4k followers in Chinese social media (*i.e.*, CSDN & bilibili)
- **Reader** (Biography, Literature, Prose, etc)
- **Amateur Running Enthusiast**
  - 04/2024: Shanghai Half Marathon
  - 11/2024: The 9th Fudan University Fun Run
  - 01/2025: Dishui Lake New Year Run
- **Volunteer** for various activities, including but not limited to:
  - Fudan University Jiangwan Campus Orientation
  - Wujiaochang Community Senior Activity Center
  - UNICEF "Support Monthly" Program
  - Speech of Paul Chan Mo-po, Financial Secretary of the Hong Kong SAR Government
  - Songnan Town Library, Baoshan District, Shanghai
  - Fudan University Alumni Association
  - Visiting of Joseph Hun Wei Lee, President of Macau University of Science and Technology