Jing Yang

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She/her

Education Background

2019 – 2024:	PhD in Computer Science	University of Campinas (UNICAMP), Brazil
2016 – 2019:	MSc in Computer Science	Hunan University (HNU), China
2012 – 2016:	BSc in Information and Computing Science	Hubei University of Technology (HBUT), China

Experience

1. **Post-doctoral Researcher**. BIFOLD agility project, TU Berlin. 11.2024 — Present. Project: FakeXplain – Development of transparent and meaningful explanations in the context of disinformation detection.

2. **Doctorate's Research**. FAPESP Fellowship, UNICAMP. 08/2019 — 11/2024. Project: Rethinking Fake News Detection for the Real World.

3. **Visiting Student**. Research Intern at UKP, TU Darmstadt, Germany. 09/2022 – 07/2023. Project: Out-of-Distribution Evaluation of Self-Rationalization on NLI-related tasks.

4. **Master's Research**. HNU. 09/2016 — 06/2019. Project: 3D Printed Objects Authentication and Source Identification Based on Printing Distortion.

5. **Bachelor's Thesis**. HBUT. From 09/2015 — 05/2016. Project: Research on implementation of Human-Computer Interactive Chinese Chess Game.

Publications

1. **Jing Yang** and Anderson Rocha. Take It Easy: Label-Adaptive Self-Rationalization for Fact Verification and Explanation Generation. *IEEE International Workshop on Information Forensics and Security (WIFS)*, 2024.

2. **Jing Yang**, Max Glockner, Anderson Rocha and Iryna Gurevych. Self-Rationalization in the Wild: A Large Scale Out-of-Distribution Evaluation on NLI-related tasks. **To appear** in Transactions of the Association for Computational Linguistics (TACL).

3. João Phillipe Cardenuto, **Jing Yang**, Rafael Padilha, Renjie Wan, Daniel Moreira, Haoliang Li, Shiqi Wang, Fernanda Andaló, Sébastien Marcel and Anderson Rocha. The Age of Synthetic Realities: Challenges and Opportunities. *APSIPA Transactions on Signal and Information Processing*, pages 1–62, 2023.

4. José Nascimento*, João Phillipe Cardenuto*, **Jing Yang*** and Anderson Rocha. Few-shot Learning for Multi-modal Social Media Event Filtering. *IEEE International Workshop on Information Forensics and Security (WIFS)*, 2022. * Equal contribution.

5. **Jing Yang**, Didier Vega-Oliveros, Taís Seibt and Anderson Rocha. Explainable Fact-checking through Question Answering. *IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2022.

6. **Jing Yang**, Didier Vega-Oliveros, Taís Seibt and Anderson Rocha. Scalable Fact-checking with Human-in-the-Loop. *IEEE International Workshop on Information Forensics and Security (WIFS)*, 2021.

7. Rafael Padilha, Antônio Theóphilo, Fernanda A. Andaló, Didier A. Vega-Oliveros, João P. Cardenuto, Gabriel Bertocco, José Nascimento, **Jing Yang**, and Anderson Rocha. A Inteligência Artificial e os desafios da Ciência Forense Digital no século XXI. *Estudos Avançados 35*, pages 113-138, 2021.

8. Fei Peng, **Jing Yang**, Zi-Xing Lin and Min Long. Source Identification of 3D Printed Objects Based on Inherent Equipment Distortion. *Computers & Security*, v. 82, May 2019, pp.173-183.

9. Fei Peng, **Jing Yang** and Min Long. 3-D Printed Object Authentication Based on Printing Noise and Digital Signature. *IEEE Transactions on Reliability*, v. 68, March 2019, pp. 342-353.

Scholarships and Awards

2020 Best Master Thesis Award, by HNU and Ministry of Education of Hunan Province.

2018 China National Scholarship, by Ministry of Education of China.

2016 Outstanding Graduates Award, by HBUT.

2014 National Encouragement Scholarship, by Ministry of Education of China.

2013 Model Student Award, by HBUT.

Skills

- Experience with programming language: Python and C/C++.
- Experience with deep learning framework/libraries: Pytorch, Huggingface, scikit-learn, Pandas.
- Proficient knowledge in mathematics, statistics and data analysis.

Services

- Reviewer of Pattern Recognition Letters
- Reviewer of IEEE Security & Privacy

Languages

- **Chinese**: Native.
- **English**: Full professional proficiency.
- **Portuguese**: Intermediate.