Jinyan Su

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EDUCATION

Cornell University 2023–present

MS/Ph.D. in Computer Science

University of Electronic Science and Technology of China 2018–2022

B.S. in Information and Computing, School of Mathematical Sciences

ARXIV

[1] **Jinyan Su**, John X Morris, Preslav Nakov, Claire Cardie. Corpus Poisoning via Approximate Greedy Gradient Descent.

PUBLICATIONS

[9] Yuxia Wang, Jonibek Mansurov, Petar Ivanov, **Jinyan Su**, Artem Shelmanov, Akim Tsvigun, Osama Mohanned Afzal, Tarek Mahmoud, Giovanni Puccetti, Thomas Arnold, Alham Fikri Aji, Nizar Habash, Iryna Gurevych, Preslav Nakov. M4GT-Bench: Evaluation Benchmark for Black-Box Machine-Generated Text Detection. **ACL 2024**

[8] **Jinyan Su**, Sarah Dean. Learning from Streaming Data when Users Choose. **ICML 2024**

[7] **Jinyan Su**, Claire Cardie, Preslav Nakov Adapting Fake News Detection to the Era of Large Language Models, Findings of **NAACL 2024**

[6] Yuxia Wang, Jonibek Mansurov*, Petar Ivanov*, **Jinyan Su***, Artem Shelmanov*, Akim Tsvigun, Chenxi Whitehouse, Osama Mohammed Afzal, Tarek Mahmoud, Alham Fikri Aji, Preslav Nakov. M4: Multi-generator, Multi-domain, and Multi-lingual Black-Box Machine-Generated Text Detection.**EACL 2024** (Resource paper award)

[5] **Jinyan Su***, Peilin Yu*, Jieyu Zhang, Stephen H Bach, Leveraging Language Models for Structure Learning in Prompted Weak Supervision. **(IEEE BigData 2023)**

[4] **Jinyan Su**, Terry Yue Zhuo, Di Wang, Preslav Nakov, Improving Existing Zero-Shot Machine-Generated Text Detection by Leveraging Log Rank Information. (Findings of **EMNLP 2023**).

[3] **Jinyan Su**, Changhong Zhao, Di Wang, Differentially Private Stochastic Convex Optimization in (Non)-Euclidean Space Revisited. (**UAI 2023**)

[2] **Jinyan Su**, Lijie Hu, Di Wang, Faster Rates of Private Stochastic Convex Optimization. (**ALT 2022**)

[1] **Jinyan Su**, Jinhui Xu, Di Wang, On PAC Learning Halfspaces in Non-interactive Local Privacy Model with Public Unlabeled Data. (**ACML 2022**) (Best paper award)

JOURNAL PAPER

[2] **Jinyan Su**, Lijie Hu, Di Wang, Faster Rates of Differentially Private Stochastic Convex Optimization. *Journal of Machine Learning Research(JMLR)*

[1] **Jinyan Su**, Jinhui Xu, Di Wang. PAC Learning Halfspaces in Non-interactive Local Differential Privacy Model with Public Unlabeled Data. *Journal of Computer and System Sciences(JCSS)*

PREPRINTS

TEACHING	**CS 4700: Foundations of Artificial Intelligence**	**Cornell University**
	Teaching Assistant	2023.8–2024.5

SKILLS   **Programming**: Python