

Ye Dong (董业)

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RESUME	I am Ye Dong (董业), a Ph.D. student at Institute of Information Engineering, Chinese Academy of Sciences (IIE, CAS) and School of Cyber Security, University of Chinese Academy of Sciences (UCAS), under Prof. <i>Xiaojun Chen</i> . I got my bachelor degree in School of Computer Science and Technology, Shandong University (SDU), and had been an exchange student in School of Computer, Beijing Institute of Technology (BIT). I had been one Research Assistant at NETWORK & INFORMATION SECURITY LAB (ISec) under Prof. <i>Qiuliang Xu</i> .		
RESEARCH TOPICS	Privacy-Preserving Enhancement Technologies, Secure Multi-Party Computation, Homomorphic Encryption, Distributed Machine Learning, and Federated Learning.		
EDUCATION	Ph.D. Student in Cyber Security	<i>IIE, CAS & School of Cyber Security, UCAS</i>	Sep. 2018-Now.
	B.S. Degree in Computer Science and Technology	<i>School of Computer Science and Technology, SDU</i>	Sep. 2014-June 2018
	• Exchange Student	<i>School of Computer, BIT</i>	Sep. 2015-June 2016
	• Research Assistant	<i>ISec LAB, SDU</i>	Oct. 2016-June 2018
WORK	Research Assistant	<i>ISec LAB, SDU</i>	Oct. 2016-June 2018
	Teaching Assistant	<i>Big Data Security and Privacy Preserving, UCAS</i>	Summer, 2021
PUBLICATION	<ol style="list-style-type: none">Ye Dong, Xiaojun Chen, Kaiyun Li, Dakui Wang, Shuai Zeng. FLOD: Oblivious Defender for Private Byzantine-Robust Federated Learning with Dishonest-Majority. ESORICS'21. [pdf].Ye Dong, Xiaojun Chen, Liyan Shen, Dakui Wang. EaSTFLy: Efficient and secure ternary federated learning. Computer & Security'20. [pdf].Ye Dong, Wei Hou, Xiaojun Chen, Shuai Zeng. Efficient and Secure Federated Learning Based on Secret Sharing and Gradients Selection. Journal of Computer Research and Development'20. (In Chinese). [pdf].		

4. Liyan Shen, Xiaojun Chen, Jinqiao Shi, **Ye Dong**, Binxing Fang. An Efficient 3-Party Framework for Privacy-Preserving Neural Network Inference. ESORICS'20. [pdf].
5. **Ye Dong**, Xiaojun Chen, Liyan Shen, Dakui Wang. Privacy-Preserving Distributed Machine Learning Based on Secret Sharing. ICICS'19. [pdf].
6. Liyan Shen, Xiaojun Chen, Dakui Wang, Binxing Fang, **Ye Dong**. Efficient and Private Set Intersection of Human Genomes. BIBM'18. [pdf].

RESEARCH MATERIALS

- Paper list of Privacy-Preserving Machine Learning. [Link]
- Blogs for Privacy-Preserving Machine Learning. (In Chinese). [Link]

TECHNICAL STRENGTHS

Program Languages: Python, C/C++, MATLAB.
Software & Tools: PyTorch, LATEX, Adobe Illustrator.

HONORS & AWARDS

- Merit Student, from UCAS. (2020 & 2021).
- Institute Excellence Award, from IIE, CAS. (2020).
- Second Campus Scholarship, from SDU. (2016).
- School Scholarships, from BIT. (2016).
- School Scholarships, from SDU. (Multiple Times).

MISCELLANY

- Attend CCF-YEF2021, Shenyang, May, 2021.
- Attend the 25th European Symposium on Research in Computer Security (ESORICS'20), co-author, Virtual, Sep., 2020.
- Speaker at the 21st International Conference on Information and Communications Security (ICICS'19), Beijing, Dec., 2019.