CV
Dongdong Lin
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Publications

- Chengqing Li, **Dongdong Lin**, Bingbing Feng, Jinhu Lü, Feng Hao, "Cryptanalysis of a chaotic image encryption algorithm based on information entropy," *IEEE Access*, vol. 6, pp. 75834-75842, 2018. ESI Highly Cited Paper

- Chengqing Li, **Dongdong Lin**, Jinhu Lü, Feng Hao, "Cryptanalyzing an image encryption algorithm based on autoblocking and electrocardiography," *IEEE MultiMedia*, vol. 25, pp. 46-56, 2018. ESI Hot Paper

- Chengqing Li, **Dongdong Lin**, Jinhu Lü, "Cryptanalyzing an image-scrambling encryption algorithm of pixel bits," *IEEE MultiMedia*, vol. 3, pp. 64–71, 2017. ESI Highly Cited Paper

Work experience

- Short-Term Research Activity, Hunan University. September 2018
  - Hunan University
  - Cryptanalysis of an image encryption algorithm based on information entropy.
  - Assist Prof. Chengqing Li in his research of cryptanalyzing an image encryption algorithm based on information entropy. This work has been published on *IEEE Access*.

- Short-Term Research Activity, Hunan University. December 2017
  - Hunan University
  - Digital Image Forensics with Visual Descriptor and Deep Learning.
  - Assist Hu et al. with the research of identifying Natural Images and Computer Graphics. This research has been published at https://doi.org/10.1007/978-3-319-72389-1_30.

- Short-Term Research Activity, University of Surrey. December 2016
  - University of Surrey
  - Collaborate with Shujun Li (Chief of Research) in a short-term research activity, and the task focuses on Reducing Redundancy of JPEG images, while retaining quality and compatibility with recovering unknown DCT coefficients.
  - Supervisor: Professor Shujun Li
- Developmental Engineer, ZhiWei-ChinaDDOS, Hunan, China. August 2017

- o Project: Real-Time Protection System for Website.
- o Worked with program manager, to develop a real-time protection system for website. Numerous data are collected and analyzed to view that the HTTP traf c is normal or not.

Projects

- o Cryptanalysis of IEAIE: https://github.com/MrDongdongLin/Cryptanalysis_IEAIE
- o Cryptanalysis of ISEA: https://github.com/MrDongdongLin/Cryptanalysis_ISEA
  - o This project includes codes of the paper "Cryptanalyzing an image encryption algorithm based on pixel bits".
- o Cryptanalysis of IEAE: https://github.com/MrDongdongLin/Cryptanalysis_IEAE
  - o This project includes codes of the paper "Cryptanalyzing an image encryption algorithm based on autoblocking and electrocardiography".
- o A $\rm \LaTeX$ template: https://github.com/MrDongdongLin/xtuthesis, https://www.ctan.org/pkg/xtuthesis
  - o This project includes a $\rm \LaTeX$ template and a Microsoft Word template, which provide normative format for graduation thesis of Xiangtan University, among them, the $\rm \LaTeX$ template has been received by CTAN.

Education

- o PhD. Information and Communication Engineering, in Shenzhen University, September 2019-
- o M.Sc. Computer Science and Techonlogy, in Xiangtan University, September 2015-July 2018
- o B.S. Computer Science and Techonlogy, in Xiangtan University, September 2011-July 2015

Skills

- o Strong typesetting ability of both $\rm \LaTeX$ and Microsoft Word, two papers and my graduation thesis are available: Cryptanalysis of ISEA, Cryptanalysis of IEAE, and Master Thesis.
- o Strong presentation and public speaking skills.
- o Technical skills include Matlab programming, Python programming and C/C++ programming, and some software engineering.
- o Strong skills in mathematics, statistics, and data analysis.
- o Event planning and conference facilitation skills.