

Yuxin Chen

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Education

University of Chicago

Ph.D. in Computer Science

Chicago, IL, USA

Sep. 2017 – June 2022 (expected)

Fudan University

B.S. in Computer Science and Technology

Shanghai, China

Sep. 2013 – June 2017

Publication

“User Authentication via Electrical Muscle Stimulation”. **Yuxin Chen**, Zhuolin Yang, Ruben Abbou, Pedro Lopes, Ben Y. Zhao, Haitao Zheng. In Proceedings of ACM CHI Conference on Human Factors in Computing Systems (CHI), Yokohama, Japan, May 2021.

“Wearable Microphone Jamming”. **Yuxin Chen***, Huiying Li*, Shan-Yuan Teng*, Steven Nagels, Zhijing Li, Pedro Lopes, Ben Y. Zhao, Haitao Zheng. In Proceedings of ACM CHI Conference on Human Factors in Computing Systems (CHI), Honolulu, HI, April 2020.

“Et Tu Alexa? When Commodity WiFi Devices Turn into Adversarial Motion Sensors”. Yanzi Zhu, Zhujun Xiao, **Yuxin Chen**, Max Liu, Ben Y. Zhao, Haitao Zheng. In Proceedings of Network & Distributed System Security Symposium (NDSS), 2020.

“Addressing Training Bias via Automated Image Annotation”. Zhujun Xiao, Yanzi Zhu, **Yuxin Chen**, Ben Y. Zhao, Junchen Jiang, Haitao Zheng. arXiv:1809.10242v2, 2018.

** denotes equal contribution*

Talks

Wearable Microphone Jamming

ACM CHI Conference on Human Factors in Computing Systems (CHI), Honolulu, HI, USA.

May 2020

Wearable Microphone Jamming and Beyond

ACM Chicago CHI Chapter, Chicago, IL, USA.

June 2020

Awards

Honorable Mention Award, CHI 2020

2020

Finalist, 2016 Interdisciplinary Context in Modeling

2016

Outstanding Student, Fudan University

2015

Second Prize Scholarship, Fudan University

2014, 2015

First-prize, National Olympiad in Informatics Province, Chinese Ministry of Education

2012

Academic Experience

Research Assistant

SAND Lab, University of Chicago

Supervised by Prof. Ben Y. Zhao and Prof. Haitao Zheng

Sep. 2017 – present

Teaching Assistant

CS234 Mobile Computing

CS151 Introduction to Computer Science I

Winter 2018, Winter 2019

Autumn 2017

Technical Skills

Programming: Python, C/C++, JavaScript, HTML/CSS, SQL, MATLAB, Assembly

Libraries: PyTorch, Caffe, Scikit-learn, NumPy, OpenCV