Chenning Li

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Research Interests

Deep Learning in the Edge, Mobile Computing, AI enabled Wireless Sensing, Wireless Health & Security, Human-Computer Interaction

Education

Aug 2019 - Present	**Ph.D** in Michigan State University
Aug 2014 - July 2018	**B.S.** in Tsinghua University
	Major: Aerospace Engineering & Minor: Computer Science
	Overall GPA: 91/100 for 240 credits (required 172 for graduation)

Awards

1. **Named an Engineering Distinguished Scholar (EDS)**, MSU, 2019

2. **Outstanding Graduates**, Beijing & Tsinghua University, 2018

3. **Awarded the Top Undergraduate Scholarship (10/3000+)**, Tsinghua University, 2017

Journal Publications

1. **Chenning Li**, Zhichao Cao, and Yunhao Liu. "*Deep AI Enabled Ubiquitous Wireless Sensing: A Survey*", ACM Computing Surveys (**ACM CSUR**), 2021.

2. **Chenning Li**, Manni Liu, and Zhichao Cao. "*WiHF: Gesture and User Recognition with Wi-Fi*", IEEE Transactions on Mobile Computing (**IEEE TMC**), 2020.

3. One paper under review on LoRa survey. Available upon request.

Conference Publications[1]

1. **Chenning Li**, Zheng Liu, Yuguang Yao, Zhichao Cao, Mi Zhang, and Yunhao Liu "*Wi-Fi See It All: Generative Adversarial Network-augmented Versatile Wi-Fi Imaging*", **ACM SenSys**, Yokohama, Japan, November 16-19, 2020. Acceptance Rate: 20.2% (43 out of 213).

2. **Chenning Li**, Manni Liu, Zhichao Cao "*WiHF: Enable User Identified Gesture Recognition with WiFi*", **IEEE INFOCOM**, Toronto, Canada, July 6-9, 2020. Acceptance Rate: 19.8% (268 out of 1354).

3. Seven papers under review on LoRa, WiFi sensing, and acoustics. Available upon request.

Teaching Experience

1. CSE220 - Programming in C (Spring 2021, MSU)

Professional Service

1. **Reviewer**:

   (a) **2021:** IEEE INFOCOM | IEEE Transactions on Wireless Communications | IEEE Transactions on Mobile Computing

   (b) **2020:** ACM MobiCom | IEEE INFOCOM

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[1]Acceptance rate information is obtained from program chair's message in conference proceedings and author's notification email sent by program chair(s).