

# Chenning Li

## Graduate Student

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[Google Scholar][Publons]

## Research Interests

Mobile Computing, Sensor Network, Federated Learning, AI-enabled Wireless Sensing,  
Wireless Health & Security, Human-Computer Interaction

## Education

Aug 2019 - Present

Aug 2014 - July 2018

**Graduate Student** at Michigan State University

**B.S.** from Tsinghua University

Major: Aerospace Engineering & Minor: Computer Science

Overall GPA: 91/100 for 240 credits (required 172 for graduation)

## 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 first-authored paper under review on LoRa survey. Available upon request.

## Conference Publications<sup>1</sup>

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 Wi-Fi*”, **IEEE INFOCOM**, Toronto, Canada, July 6-9, 2020. Acceptance Rate: 19.8% (268 out of 1354).
3. Seven first-authored papers under review on federated learning, low-power network, and wireless sensing. Available upon request.

## 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

## 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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<sup>1</sup>Acceptance rate information is obtained from program chair’s message in conference proceedings and author’s notification email sent by program chair(s).