

## Meiying Zhang

Ph.D. Student in Computer Science

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### **EDUCATION**

The University of Memphis, Memphis, TN, USA	Aug. 2021 – Present
Ph.D. in Computer Science	
The Australian National University, Canberra, Australia	Jul. 2012 – Jul. 2013
Master of Photonics	
Tsinghua University, Beijing, China	Aug. 2005 - Jul. 2010
B.S. in Mathematics and Physics	

### **EMPLOYMENT**

The University of Memphis, Memphis, TN, USA	Aug. 2021 – Present
Teaching/Research Assistant	
CN-KnowHow IP Group, Beijing, China	Mar. 2020 – Jun. 2021
Patent Agent	
Tee & Howe Intellectual Property Attorneys, Beijing, China	Nov. 2015 – Feb. 2018
Patent Agent	
II-VI Incorporated, Fuzhou, Fujian, China	Jan. 2014 – Jun. 2015
Optical Engineer	

### **AWARDS**

3rd Place in the 18th Annual CS Research Symposium, Department of Computer Science, The University of Memphis	Apr. 2023
1st Place in the Technology against Tornado Student Competition and Expo 2023, The University of Tennessee at Martin	Apr. 2023

### **TEACHING**

Guest Instructor in 2023 Cyber Ambassadors Tech Camp, Center for Information Assurance, The University of Memphis	Jun. 2023
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### **PUBLICATIONS**

- **Meiying Zhang**, Huan Zhao, Sheldon Ebron, Kan Yang, "Towards Fair, Robust and Efficient Client Contribution Evaluation in Federated Learning".  
<https://arxiv.org/pdf/2402.04409>.
- **Meiying Zhang**, Huan Zhao, Sheldon Ebron, Ruitao Xie, Kan Yang, "Ensuring Fairness in Federated Learning Services: Innovative Approaches to Client Selection, Scheduling, and Rewards". To appear on the 44th IEEE International Conference on Distributed Computing Systems (ICDCS), 2024.