

# Ruizhi Cheng

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## RESEARCH INTERESTS

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Federated Learning, Mobile Immersive Computing, Networked Systems

## EDUCATION

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08/2021–Present    **Ph.D. Student, Department of Computer Science**  
George Mason University  
Fairfax, VA, USA  
**Advisor:** Dr. Bo Han

09/2017–06/2021    **B.S. in Computer Science**

## PUBLICATIONS

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1. **Ruizhi Cheng**, Nan Wu, Matteo Varvello, Songqing Chen, and Bo Han. “[Are We Ready for Metaverse? A Measurement Study of Social Virtual Reality Platforms](#)”. In Proceedings of ACM IMC, 2022.
2. **Ruizhi Cheng**, Nan Wu, Songqing Chen, and Bo Han. “[Reality Check of Metaverse: A First Look at Commercial Social Virtual Reality Platforms](#)”. In Proceedings of Metabuild@IEEE VR, 2022. **Best Paper Award**
3. **Ruizhi Cheng**, Nan Wu, Songqing Chen, and Bo Han. “[Will Metaverse be NextG Internet? Vision, Hype, and Reality](#)”. To appear in IEEE Network, 2022.
4. Nan Wu, **Ruizhi Cheng**, Songqing Chen, and Bo Han. “[Preserving Privacy in Mobile Spatial Computing](#)”. In Proceedings of ACM NOSSDAV, 2022.

## HONORS AND AWARDS

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1. [Best Paper Award](#), IEEE Metabuild, 2022
2. Student Travel Grant, IEEE VR, 2022
3. Mason Engineers Week Poster Winner, 2022

**Reviewer**

Journal/Magazine: IEEE Network, IEEE MultiMedia, SAGE Open