

Ouyang Zhang



Google LLC.

Ouyang Zhang currently works at Google. During his studies he interned with IBM and Facebook. Ouyang Zhang completed his PhD in Computer Science at OSU working with Prof. Kannan Srinivasan where his research interests include wireless sensing, mobile computing, networking, and applied machine learning. His work on protecting user privacy against wireless sensing (PhyCloak) received the Best Student Paper Award in NSDI. You can find his publications here (<https://scholar.google.com/citations?hl=en&user=wdFXYjoAAAAJ>).

His dissertation focused on two major challenges in wireless sensing: fine-grain gesture recognition and obfuscate sensing with communication signal. One challenge is to break the boundary of sensitivity in the status quo with wireless signal. The other is to disable all possibilities of leaking user privacy with signals in the air. Like spear and shield: sensing and protection.

Dr. Zhang also serves as a reviewer for Asia-Pacific Conference on Communications (APCC). He completed his undergraduate in Electrical Engineering at University of Science and Technology of China in 2014 with a major in communication and information science. His dissertation was about resource allocation of multi-cell OFDMA.