

## Postdoc researcher – wireless sensing, tracking, and localization

Nanyang Technological University, Singapore

We are looking for highly motivated Postdoc researchers with strong research interests in designing wireless systems (WiFi, BLE, or other wireless communication systems) for sensing, tracking, and localization applications. We have been deepening our understanding of wireless communication systems and are making use of such understanding to develop advanced methods and systems for sensing and environment dynamics and human motions. Our recent research made use of COTS WiFi APs to achieve high accuracy motion tracking and activity recognition.

We offer you competitive salaries, a vibrant research environment with strong support in facilities – high performance cluster servers, various types of smart phones, wearables and other wireless devices and embedded sensing platforms, access to latest software defined radios including USRP and WARP. We are continuing the construction of comprehensive indoor and outdoor wireless experiment environment. A campus wide LoRa access network is currently under our construction and management.

We expect that you have strong experimental background in wireless sensing and communication systems as well as strong track record of publishing in top venues on wireless and sensing systems. We have been regularly publishing or targeting our research papers to conferences like MobiCom, SenSys, INFOCOM, UbiComp, MobiSys, and the like.

Our alumni Postdoc fellows:

- Dr. Zhenjiang Li (2012-2015): Assistant Professor at City University of Hong Kong since 2015
- Dr. Zhidan Liu (2015-2017): Assistant Professor at Shenzhen University (Shenzhen Talent Peacock Plan) since 2017
- Dr. Wan Du (2012-2017): Assistant Professor at University of California, Merced since 2017

---

Dr. Mo Li is an Associate Professor in the School of Computer Science and Engineering. He had successful experiences in his completed and ongoing research projects on building IoT and data analytical systems for smart cities and urban informatics. Dr. Li is internationally recognized by his research in distributed sensing systems and IoT, for which he was elected Asia Pacific Best Young Researcher by IEEE Communication Society, the second largest society in IEEE. Dr. Li's research group has published in top journals and conferences in the field and has received over 4000 citations. Dr. Li serves the editor of *IEEE/ACM Transactions on Networking*, *IEEE Transactions on Mobile Computing*, as well as *IEEE Transactions on Wireless Communications*, the most prestigious journals for research in the field. Dr. Li received 2016 Nanyang Research Award for his outstanding research in which is the highest recognition to the individual research excellent in NTU.

Please refer to <http://www3.ntu.edu.sg/home/limo> for more information. Write to [limo@ntu.edu.sg](mailto:limo@ntu.edu.sg) if you have interest.