Yi Zhang (Joey)

Ph.D. Student · National Taiwan University

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EDUCATION

National Taiwan University — **Taipei, Taiwan**
Ph.D. Student of Communication Engineering — *Sept. 2017 - Now*

National Taiwan University — **Taipei, Taiwan**
Master of Communication Engineering — *Sept. 2014 - Jul. 2016*

Xiamen University — **Xiamen, China**
Bachelor of Software Engineering — *Sept. 2010 - Jun. 2014*

WORK EXPERIENCE

Haixi Institutes, Chinese Academy of Sciences — **Quanzhou, China**
Assistant engineer of Quanzhou Institute of Equipment Manufacturing — *Aug. 2016 - May 2017*

Chinasoft International Limited — **Xiamen, China**
Student Internship — *Jul. 2013 – Aug. 2013*

Xiamen University — **Xiamen, China**
Team member of RCS robot team — *Aug. 2012 – Jul. 2013*

HONORS & AWARDS

- **2017** Core member of bringing in "optical fiber sensor based Internet-of-things (IoT)" team with high-caliber personnel to the fund of "Harbour Project" of Quanzhou
- **2016** The fifth class outstanding person award of Jinjiang
- **2013** Embeded system designer of the national technical qualification examination for professional computer and software technologies, China
- **2013** The second award of domestic contest of ABU Asia-Pacific Robo Contest (ABU Robocon), China

Academic Services

Journal article reviewer IEEE Internet of Things Journal (IoT-J), IEEE Transactions on Vehicular Technology (TVT), IEEE Access

RESEARCH INTERESTS

- Wireless Communication
- Mobile Edge Computing
- Internet of Things
- Game Theory

SELECTED PUBLICATIONS

Journal Articles

[1] Y. Zhang, Z. Chen, W. Chen, and H. Li, "Unobtrusive and continuous bcg-based human identification using a microbend fiber sensor," *IEEE Access*, vol. 7, pp. 72 518–72 527, 2019.

[2] Y. Zhang, Z. Chen, and H. I. Hee, "Noninvasive measurement of heart rate and respiratory rate for perioperative infants," *Journal of Lightwave Technology*, vol. 37, no. 11, pp. 2807–2814, June 2019.

[3] Y. Zhang, C. Wang, and H. Wei, "Parking reservation auction for parked vehicle assistance in vehicular fog computing," *IEEE Transactions on Vehicular Technology*, vol. 68, no. 4, pp. 3126–3139, April 2019.

[4] Y. Zhang, C. Wang, and H. Wei, "Incentive compatible overlay d2d system: A group-based framework without cqi feedback," *IEEE Transactions on Mobile Computing*, vol. 17, no. 9, pp. 2069–2086, Sep. 2018.

Conference & proceeding papers

[1] Y. Zhang, C. Wang, and H. Wei, "Parked vehicle assisted vfc system with smart parking: An auction approach," in *2018 IEEE Global Communications Conference (GLOBECOM)*, Dec 2018, pp. 1–7.

[2] Y. Zhang, C. Wang, and H. Wei, "Incentive compatible mode selection and spectrum partitioning in overlay d2d-enabled network," in *2015 IEEE Globecom Workshops (GC Wkshps)*, Dec 2015, pp. 1–6.