Education Background

University of Wisconsin-Madison

➢ **PhD of Electrical Engineering** (*Sept.2017- May.2021*)   Overall GPA: 4.0/4.0

Beijing University of Posts and Telecommunications (BUPT)

➢ **Bachelor of Engineering** in Information Engineering (*Sept.2010 - Jun. 2014*)   Ranking: 19/175

➢ **Master of Science** in Information and Communication Engineering (*Sept.2014 - Mar.2017*)   Ranking: 1/775

Work Experience

➢ **Engineering Intern (iCDG, Intel, Beijing)**   *Feb.2017 - July.2017*

• As a member of Multefire RAN1, I have been participating in proposing contributions about new designs of EPDCCH, PRACH, PUCCH and SRS etc. for eMTC-U system. I have finished at least 5 PCT patents during the internship.

Publications

• J. Zhang, Z. He, P. Chen, Y. Rong, "A compressive sensing based iterative algorithm for channel and impulsive noise estimation in underwater acoustic OFDM systems.", *IEEE OCEANS 2017*, pp. 1-5, 2017.

• J. Zhang, K. Niu and Z. He, "Multi-layer distributed Bayesian compressive sensing based blind carrier-frequency offset estimation in uplink OFDMA systems," *2016 IEEE International Conference on Communications (ICC)*, Kuala Lumpur, 2016, pp. 1-5.

• Z. He, J. Zhang, W. Liu and Y. Rong, "New Results on Transceiver Design for Two-Hop Amplify-and-Forward MIMO Relay Systems With Direct Link," in IEEE Transactions on Signal Processing, vol. 64, no. 20, pp. 5232-5241, Oct.15, 15 2016.

• J. Zhang, Z. He, W. Liu and Y. Rong, "Two-hop AF MIMO Relay Systems with Direct Link − Transceiver Design Based on New Protocol", TENCON 2016 - 2016 IEEE Region 10 Conference, pp. 1807-1810, 2016.

• J. Zhang, Y. Li, K. Niu, "Iterative Channel Estimation Algorithm Based on Compressive Sensing for GFDM", IEEE International Conference on Network Infrastructure and Digital Content 2016, pp. 244-248, 2016.

Patents

• Kai Niu, Jinnian Zhang. A CFO estimation method, device and system in OFDM systems: China, PCT/CN2016/098779.

• Xiangdong You, Xingguan Qi, Jinnian Zhang, Dan Zhang, Juhuan Fan, Luxing Yao. A real time meteorological information service system: China, CN201320428417.9, Publication Patent Date: CN203313409U [P]. 2013-11-27.

Honors and Awards

• ECE 2017 Chancellors Opportunity Fellowship (COF)   Sept. 2017
• National Scholarship (Top 5%)   Oct. 2016
• The Qualcomm Innovation & Entrepreneurship Scholarship (1/775)   Dec. 2015
• The First Prize Scholarship (trice) (Top 10%)   Sep. 2016&2015&2013
• The Outstanding Graduate (Beijing) (Top 5%)   Jun. 2014
• The Second Prize in the National Undergraduate Electronics Design Contest (Top 10%)   Sept. 2013