

# Yu-Huan Zhao | Master student

Key Laboratory for Information Science of Electromagnetic Waves – Fudan University,  
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## EDUCATION

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- **M.Eng** Electromagnetic Field and Microwave Technology, Fudan University, GPA: 3.54/4. July 2019
- **B.Eng** Electromagnetic Field and Wireless Technology, UESTC, GPA: 3.92/4. July 2016
- **Exchange** Electromagnetic Field and Wireless Technology, CtiyU of Hong Kong, GPA: 4.2/4.3. Dec. 2014

## PUBLICATIONS

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### Published Papers.....

- **Y. H. Zhao**, P. Liu. Adaptive Ship Detection for Single-Look Complex SAR Images Based on SVWIE-Noncircularity Decomposition [J]. *Sensors*, 2018, 18(10), 3293.
- **Y. H. Zhao**, X. Han, and P. Liu. A RPCA and RANSAC Based Algorithm for Ship Wake Detection in SAR Images [C]. Accepted by *The 12th International Symposium on Antennas, Propagation and EM Theory, IEEE, 2018. (Oral)*

### Paper in Preparation.....

- **Y. H. Zhao**, D. Tao, and T. Kræmer. Sea Ice SAR Image Analysis and Segmentation based on Wasserstein Generative Adversarial Networks [J].

## PROJECTS

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- **Rotman antenna design**: A microstrip Rotman lens employed as the beamforming network and nine quasi-yagi antenna used as an array antenna unit are formed a microstrip multibeam antenna array which works in X-band, achieving good scan performance from -45 to 45 degrees.

## English Skills

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- **IELTS**: Overall: 7. Listening 8; Reading 7; Speaking 6.5; Writing 6.5.
- **GRE**: Verbal: 152; Quantitative: 166; Analytical Writing: 3.5.

## SELECTED AWARDS

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- Dec. 2013 The Top-Class People's Scholarship of UESTC for Academic year 2012-2013.
- Dec. 2014 The National Scholarship of UESTC for Academic year 2013-2014.
- Dec. 2015 The National Scholarship of UESTC for Academic year 2014-2015.
- May. 2016 The Excellent Undergraduate of UESTC.
- Dec. 2017 Award for Outstanding Students at Fudan University for Academic year 2016-2017.
- Dec. 2018 Award for Outstanding Students at Fudan University for Academic year 2017-2018.