

# Ang Ji

## PERSONAL INFORMATION

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|-----------|---------------------|------------|--|
| Name:     | Ang Ji              | Telephone: | +86 18563274107  |
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| Homepage: | jiangxyz.github.io/ | ORCID:     | orcid.org/0009-0000-5350-8754  |

## EDUCATION

|  |                             |
|--|-----------------------------|
| <b>Southeast University</b>  | Nanjing                     |
| <i>Ph.D. student in Electromagnetic Field and Microwave Technology</i> | <i>Feb. 2024 – Present</i>  |
| <b>Xidian University</b>   | Xi'an                       |
| <i>Bachelor of Engineering, GPA: 3.8/4.0</i>                           | <i>Sep. 2018 – Jun 2022</i> |

## REFERENCE

|                              |                             |
|------------------------------|-----------------------------|
| <b>Prof. Gang Xu</b>         | <i>Southeast University</i> |
| <b>A/Prof. Hongxian Wang</b> | <i>Xidian University</i>    |

## HONORS AND AWARDS

- National Second Prize, The 19th China Post-Graduate Mathematical Contest in Modeling *Jan. 2023*
- Provincial Second Prize, The 12th National College Student Mathematics Competition *Dec. 2020*
- Outstanding Prize, 2020 Xidian University Mathematical Contest in Modeling *Jan. 2020*
- Merit Student, Xidian University *Sep. 2019*

## PUBLICATIONS

### Papers

1. **A. Ji**, H. Pei, B. Zhang, et al., Research on High-resolution 3D Imaging and Point Cloud Clustering of Array SAR, *Journal of Electronics & Information Technology*, 2024
2. Xu G, Chen Y, **Ji A**, et al., 3-D High-Resolution Imaging and Array Calibration of Ground-Based Millimeter-Wave MIMO Radar, *IEEE Transactions on Microwave Theory and Techniques*, 2024
3. **A. Ji**, G. Xu, H. Wei, et al., 3D Holographic Imaging of Multi-Circular SAR Via Atomic Norm Minimization, *2023 4th China International SAR Symposium (CISS)*, 2023

### Patents

1. A SAR image compression method based on robust tensor decomposition, 202111142717.6
2. Time-domain imaging method for vehicle mounted Doppler diversity MIMO-SAR, 202211053214.6

## PROJECTS

1. Structured Sparse SAR 3D Imaging and Information Extraction Technology *Sep. 2022 – Present*
  - SAR 3D imaging algorithm design
2. XX Technology *Jan. 2023 – Present*
  - Testing of on-chip radar imaging performance
  - SAR time-domain algorithm design