

JIE HUANG

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EDUCATION

- M.S. in **Condensed Matter Physics & Machine Learning**, Wenzhou University 2018/09 -
- B.S. in **Electronic Information Engineering**, China West Normal University 2012/09 - 2016/06

EXPERIENCE

- Beihang University** 2018/05 - 2019/12
Visiting Student Beijing, China
- Soft matter, Machine Learning
- Falconpro, Inc** 2016/09 - 2018/04
Software Engineer Shanghai, China
- Image processing, Barcode decoding

PUBLICATIONS

- Hydrogen bond donor-acceptor exchange in water, **Jie Huang**, Gang Huang*, and Shiben Li*, (2021, under review) <https://arxiv.org/abs/2104.07965>
- Neural network model for structure factor of polymer systems, **Jie Huang**, Shiben Li*, Xinghua Zhang*, and Gang Huang, The Journal of Chemical Physics 153, 124902 (2020) DOI: 10.1063/5.0022464

SKILLS & CERTIFICATES

- Git, Linux, Python, C, Shell, Tensorflow, Embedded Systems Programming
- MOOC certificate for Peking University, *Artificial intelligence practice: Tensorflow notes*, 2018/09, ID: v205655000014
- edX certificate from University of Texas at Austin, *UT.6.03x: Embedded Systems - Shape the World*, 2016/05, ID: a7d097ce8bf845e2b8ed0e55f3cb1396

AWARDS

- National scholarship for postgraduates 2020/11
- The first grade scholarship for the scientific research in Wenzhou University 2020/11

ACTIVITIES

- Creator of the soft matter online discussion group at Wenzhou University 2020/06
- System manager of the Linux cluster at Beihang University 2018/05 - 2019/11