

# JIE HUANG

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## EDUCATION

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- M.S. in **Condensed Matter Physics & Machine Learning**, Wenzhou University  
Supervisor: Prof. Dr. Shibei Li 2018/09 - 2021/06
- B.S. in **Electronic Information Engineering**, China West Normal University 2012/09 - 2016/06

## EXPERIENCE

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- Visiting Student, Center of Soft Matter Physics and its Applications, Beihang University, Beijing  
Supervisor: Dr. Ying Jiang 2018/05 - 2019/12
- Software Engineer, **Image processing & Barcode decoding**, Falconpro, Inc, Shanghai  
The awards of the most creative employee and best team member 2016/09 - 2018/04

## PUBLICATIONS

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- A machine learning model to classify dynamic processes in liquid water, **Jie Huang**, Gang Huang\*, and Shibei Li\* <https://arxiv.org/abs/2104.07965> (under review) 2021/04
- Neural network model for structure factor of polymer systems, **Jie Huang**, Shibei Li\*, Xinghua Zhang\*, and Gang Huang, The Journal of Chemical Physics 153, 124902 2020/09
- A CCD translational device based on Raspberry Pi , **Jie Huang**, Bachelor's thesis 2016/06

## SKILLS & CERTIFICATES

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- Git, Linux, **Python**, C, Shell, **Tensorflow**, Embedded Systems Programming, LAMMPS, CP2K
- MOOC certificate from Peking University, **Artificial intelligence practice** 2018/09
- edX certificate from The University of Texas at Austin, **Embedded Systems** 2016/05
- Certificate of **senior development engineer of MCU application** 2015/04
- MOOC certificate from Harbin Institute of Technology, **Python programming language** 2014/10

## AWARDS

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- Award for excellent scientific and technological innovation at Wenzhou University (1/1176) 2021/05
- **National scholarship for postgraduates** at Wenzhou University (2/65) 2020/11
- **First-grade scholarship for scientific research** at Wenzhou University (2/22) 2020/11
- Second prize in the national undergraduate electronic design contest 2015/08

## ACTIVITIES

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- Creator of the soft matter online discussion group at Wenzhou University 2020/06
- **Teaching assistant** for "C programming language," Beihang University 2019/09 - 2019/11
- **System manager** of the Linux cluster at Beihang University 2018/05 - 2019/11
- Owner of the **online machine learning website**: [www.way2ml.com](http://www.way2ml.com) 2018/02 -