JIE HUANG

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EDUCATION

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

EXPERIENCE

- 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

- A machine learning model to classify dynamic processes in liquid water, **Jie Huang**, Gang Huang*,
  and Shiben Li* https://arxiv.org/abs/2104.07965 (under review)   *2021/04*
- 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   *2020/09*
- A CCD translational device based on Raspberry Pi , **Jie Huang**, Bachelor's thesis   *2016/06*

SKILLS & CERTIFICATES

- 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

- 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

- 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   *2018/02 -*