JIE HUANG

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EDUCATION

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

EXPERIENCE

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

PUBLICATIONS

- Hydrogen bond donor-acceptor exchange in 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 applicatio**n *2015/04*
- MOOC certificate from Harbin Institute of Technology, **Python programming language** *2014/10*

AWARDS

- **National scholarship for postgraduates** at Wenzhou University (Percentage: 2/65) *2020/11*
- **First-grade scholarship for scientific research** at Wenzhou University (Percentage: 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 -*