Xiaoke Huang

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EDUCATION

Beijing Normal University (BNU), Beijing, China   Sept. 2017 – Present

B.S. in Computer Science (expected June 2021)

- Major GPA: 3.90 / 4.0 (rank 1 / 50)
- Overall GPA: 3.83 / 4.0 (rank 2 / 50)
- The JingShi First Prize of BNU (2017 – 2018, 2018 – 2019)

EXPERIENCE

Megvii Technology Inc. (Face++) Beijing, China   July – Sept. 2019

Research Intern   Face Recognition Group

- Implemented the *post-training quantization* algorithm on the MegEngine DL framework, boosting the quantization speed of business models
- Investigated the factors that influence the model performance after applying post-training quantization
- Participated in improving the *quantiztion-aware training* algorithm for the efficient models

CONTESTS

Programming Contest

- ACM-ICPC Invitation (Jiang Su)   Silver Medal   June 2018
- ICPC Asia Regional Contest Xuzhou   Bronze Medal   Nov. 2019
- ICPC Asia Regional Contest Shanghai   Bronze Medal   Nov. 2019
- ICPC Nanchang Invitational   Bronze Medal   June 2019

Mathematical Contest in Modeling

- China Undergraduate Mathematical Contest in Modeling   First Prize in Beijing   Oct. 2019

PROJECTS

Deep-learning-based End-to-end Malaria Detection System   June 2019 – June 2020 (expected)

Undergraduate Research and Training Program

- Evaluated the perforamce of multiple end-to-end object detectors on the task of malaria detection
- Quantized the model and deployed it on the local server
- Submitted a paper

  Xiaoke Huang, Qian Yin, Hongrui Gu, and Yongkang Li. An evaluation of modern convolutional object detectors for thin-blood-smear malaria detection. *PeerJ*, 2020 (*Under review*)

SKILLS

- Programming Languages: C++, C, Python, Shell, Java
- English Skills: CET-6 **(595)**

MISCELLANEOUS

- GitHub: `https://github.com/xk-huang`
- Blog: `https://xk-huang.github.io`
- ICPC ID: `https://icpc.baylor.edu/ICPCID/CZN2P8QV3Z2X`