# Axiu Mao

Ph.D. student (2019-Now)
Department of Infectious Diseases and Public Health
Jockey Club College of Veterinary Medicine and Life Sciences
City University of Hong Kong
**E-mail:** max.mao@my.cityu.edu.hk
**Tel:** (+852)53947055 | (+86)15858213505

## RESEARCH INTERESTS

Machine Learning, Deep Learning, Wearable Sensors, Internet of Things (IoT), Animal Activity Recognition (AAR), Animal Welfare

## EDUCATION BACKGROUND

**B.S.**    China Jiliang University, China                                                                     Jun 2019

College of Quality and Safty Engineering

Quality Management Engineering | GPA: 3.99/5.00

## PUBLICATIONS

[*CEA*] Center Clustering Network Improves Piglet Counting Under Occlusion
Endai Huang, Axiu Mao, Haiming Gan, Maria Camila Ceballos, Thomas D. Parsons, Yueju Xue, Kai Liu*
*Computers and Electronics in Agriculture, Oct, 2021.*

[*SENSORS*] Cross-Modality Interaction Network for Equine Activity Recognition Using Imbalanced Multi-Modal Data
Axiu Mao, Endai Huang, Haiming Gan, Rebecca S. V. Parkes, Weitao Xu, Kai Liu*
*Sensors, Sep, 2021.*

[*ASABE'2021*] Capacity Limit of Deep Learning Methods on Scenarios of Pigs in Farrowing Pen under Occlusion
Endai Huang, Axiu Mao, Maria Camila Ceballos, Thomas D. Parsons, Kai Liu*
*ASABE Annual International Virtual Meeting (ASABE), Jul, 2021.*

[*ACPLF'2020*] Deep Learning-based Assessment of Laying-hen Feather Conditions Using Color and Thermal Images
Endai Huang, Axiu Mao, Kai Liu*, Yueju, Xue
*2nd Asian Conference on Precision Livestock Farming (ACPLF), Oct, 2020.*

## SKILL SPECIALTY

**Certification:** Certificate of Internal Auditor, Accountant certification

**IT skills:** Python, Matlab, C language, Lingo, SPSS