# Resume of Jun WU

## Basic Information

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|---|---|
| School : | School of Computer Science |
| Gender： | Female |
| Date of Birth： | 198403 |
| Title： | Associate Professor |
| Education： | Ph.D |
| Tutor： | Master degree |
| Email： | 1161276346@qq.com |
| Interest of research: | Artificial Intelligence and Multi-media Data Analysis，Computer Science |

## Academic Background

**2013-Present** Associate Professor
School of Computer Science, Hubei University of Technology.

**2007-2013** Ph.D.
School of Computer Science and Technology, Wuhan University of Technology
ACM student member

**2002-2006** Electrical and Computer Engineering, Wuhan University of Technology, Wuhan, China

## Visiting Experience

2020/06-2021/06, Visiting scholar, NII, JAPAN;
2011/09-2012/09, PHD Candidate, The University of Birmingham, UK;

## Enrollment Information

1. Enrollment Discipline: Master of Computer Science
2. Research direction: Computer Science, Big Data and Artificial Intelligence
3. Enrollment Year: 2023-2024

## Representative Projects

1. National Natural Science Foundation of China under Grant No. 61602161, Multiple Correlation Analysis Based on Granular Matrix for Dynamic Big Data, Amount ￥ 200,000
2. Natural Science Foundation of Hubei Province under Grant No.2014CFB590, Big Data Analysis and Application Based on Intelligent Traffic System, Amount ￥ 40,000

3. Natural Science Foundation of Hubei Key Laboratory under Grant No. 2015III015-A0, Research on RFID Environment Awareness and Collaborative management of Intelligent Traffic System, Amount ￥ 20,000
4. Foundation of Hubei province housing and construction under Grant No.2015C0011, Research on Intelligent City System Construction and its Big Data Analysis, Amount ￥ 30,000
5. Natural Science Foundation of Hubei University of Technology under Grant No. BSQD13039, Research on Intelligent traffic System Construction, Amount ￥ 30,000

## Representative Articles

1. Hierarchical multiples self-attention mechanism for multi-modal analysis
Multimedia Systems 29(6):1-10
2023-6-17 | Journal article
DOI:10.1007/s00530-023-01133-7

2. YOLOv7 Optimization Model Based on Attention Mechanism Applied in Dense Scenes
Applied Sciences 11 August 2023
2023-8-11 | Journal article
DOI:10.3390/app13169173

3. A Optimized BERT for Multimodal Sentiment Analysis
ACM Transactions on Multimedia Computing, Communications, and Applications
2022-10-17 | Journal article
DOI: 10.1145/3566126
Part of ISSN: 1551-6857
Part of ISSN: 1551-6865

4. Dynamic activation and enhanced image contour features for object detection
Connection Science
2022-12-19 | Journal article | Author
DOI: 10.1080/09540091.2022.2155614
Part of ISSN: 0954-0091
Part of ISSN: 1360-0494

5. A Lightweight YOLOv5 Optimization of Coordinate Attention
Applied Sciences
2023-01-30 | Journal article
DOI: 10.3390/app13031746
Part of ISSN: 2076-3417
CONTRIBUTORS: Jun Wu; Jiaming Dong; Wanyu Nie; Zhiwei Ye

6. Jun Wu; Tianliang Zhu; Xinli Zheng; Chunzhi Wang. Multi-Modal Sentiment Analysis Based on Interactive Attention Mechanism. Applied Sciences 2022, 12, 8174 .
7. Jun Wu. Deep Learning Analysis Models for Speech and Emotional Recognition. 13th Asic Pacific Signal and Information Processing Association Annual Summit and Conference
8. Xin Liu; Jun Wu. Finetuned YOLOv3 for Getting Four Times the Detection Speed. 2021, 512 -521.
9. Jun Wu; Zhixiong Huang. Mechanical Property of Composite Material Based on Map-Reduce Model. Matec Web of Conferences 2016, 67, 03048 .
10. Jun Wu; Zhixiong Huang. Study of New Materials Design based on Hadoop. Matec Web of Conferences2016, 61, 07016 .