Zhaomin Wu（吴肇敏）

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EDUCATION（教育经历）

National University of Singapore（新加坡国立大学）　　　　　　　　07/2019 – Present
Ph.D. Candidate（在读博士）– Computer Science（计算机科学）　　导师：Prof. Bingsheng He
Huazhong University of Science and Technology（华中科技大学）　　09/2015 - 06/2019
B.Eng.（工学学士）– ACM 班，计算机科学与技术专业　　绩点：3.91/ 4.0　排名：10/281

PUBLICATIONS（科研项目）

DeltaBoost: gradient boosting decision trees with efficient machine unlearning (SIGMOD 23)
Zhaomin Wu, Junhui Zhu, Qinbin Li, Bingsheng He

A coupled design of exploiting record similarity for practical vertical federated learning (NeurIPS 22)
Zhaomin Wu, Qinbin Li, Bingsheng He

Practical vertical federated learning with unsupervised representation learning (IEEE Trans. Big Data 22)
Zhaomin Wu, Qinbin Li, Bingsheng He

FedTree: a federated learning system for trees (MLSys 23)
Qinbin Li, **Zhaomin Wu**, Yanzheng Cai, Yuxuan Han, Ching Man Yung, Tianyuan Fu, Bingsheng He

A survey on federated learning systems: vision, hype and reality for data privacy and protection (TKDE 22)
Qinbin Li, Zeyi Wen, **Zhaomin Wu**, Sixu Hu, Naibo Wang, Yuan Li, Xu Liu, Bingsheng He

The oarf benchmark suite: characterization and implications for federated learning systems (TIST 21)
Sixu Hu, Yuan Li, Xu Liu, Qinbin Li, **Zhaomin Wu**, Bingsheng He

Privacy-preserving gradient boosting decision trees (AAAI 20)
Qinbin Li, **Zhaomin Wu**, Zeyi Wen, Bingsheng He

HONORS & AWARDS（荣誉奖项）

- Dean's Graduate Research Excellence Award（院长研究杰出奖）, 2023 – School of Computing, NUS
- Outstanding students, 2016（本科特优生）– Top 1% in HUST
- National scholarship, 2017（国家奖学金）– Top 1% in HUST
- Merit Student, 2016（校三好学生）– Top 5% in HUST
- Outstanding Undergraduate Thesis, 2019（优秀本科毕业设计）– Top 5% in HUST
- Meritorious Winner in Mathematical Contest in Modeling, 2018（美赛一等奖）– Top 10% worldwide
- Third Prize in National College Students Connected Smarter System Innovation Competition, 2016（全国大学生智能互联创新大赛三等奖）– Top 10% nationwide in China

TECHNICAL SKILLS（专业技能）

编程语言（熟悉）：Python, C, C++, Java
编程语言（了解）：Verilog, MATLAB, x86 Assembly, Standard ML, SQL, JavaScript
专业工具（熟悉）：PyTorch, Linux Command Line, Latex, Word, Excel, PowerPoint
专业工具（了解）：JavaFX, Win32 API, Qt, LightGBM, XGBoost, TensorFlow, Apache Cassandra, MongoDB
语言：中文（母语），英文（托福: 96）

LEADERSHIP & SERVICE（其它经历）

Journal Reviewer （期刊审稿人）of TPAMI, IJCV, TPDS, TIST, IoTJ, TCSVT	2021 – 2023
Conference Reviewer（会议审稿人）of NeurIPS, PAKDD	2021 – 2023
Tutorial Speaker （演讲者）of IJCAI	2020
Xtra 组内 GPU 服务器系统管理员	2021 – 2023
华中科技大学计算机学院学生会主席	06/2017 – 05/2018