



严晓东 教授

华为向全社会发布难题，兼顾产业挑战和科学价值。探索、牵引、开放、思辨，百花齐放，百家争鸣。

严晓东教授在算力会战难题“面向大模型训练静默数据错误检测 & 容错技术”中提出了将强化学习中的双臂老虎机过程纳入双样本测试，提高了大模型训练静默数据错误检出率。该方案具有较高价值，被授予华为公司火花奖，特发此证。

Huawei proposes challenges to the entire society while taking into account both industrial challenges and scientific value, in order to encourage exploration, openness, creative thinking and charting new direction based on the spirit of "Let a hundred flowers bloom, a hundred schools of thought contend."

This is to certify that professor Yan Xiaodong has made valuable contributions to the Computing Campaign challenge "Advanced Solution for SDC Detection and Tolerance in Foundation Model Training." Professor Yan proposed incorporating the two-armed bandit process from reinforcement learning into dual-sample testing. This approach significantly enhances the detection rate of silent data errors in foundation model training.



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