

Jiadong Zhang

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RESEARCH EXPERIENCE

MemArena: An Ego-Centric Benchmark for On-Device Agentic Personal Memory Assistants at Scale May 2026

Jiadong Zhang, Xiaosong Ma | Accepted at *NeurIPS 2026 Evaluations & Datasets Track*; arXiv 2608.02613 MBZUAI

- Designed and built MASim, a multi-agent simulator where persona-driven agents in a shared social world hold person-person and person-agent dialogs, with day-batched synchronization for temporal consistency.
- Used MASim to generate a 10.3M-token benchmark (50 agents, 15 days), deriving ground truth for six dimensions from simulator state; evaluated four memory backends with five open-weight models on-device.

ENTREPRENEURIAL EXPERIENCE

MemAI

Co-Founder & Chief Technology Officer

<https://memai.org/>

Abu Dhabi, UAE

Feb 2026-Present

- Built the world's first AI tutoring product centered on interactive learning, combining an innovative editable canvas with real-time voice technology to deliver adaptive, two-way lessons across 13 subjects and four difficulty levels.
- Architected a governed education-AI platform using curriculum-grounded RAG, policy gateways, audit logs, privacy isolation, and a regulated agent marketplace.

7D24H

Founder

<https://7d24h.work/>

Abu Dhabi, UAE

Jan 2026-Present

- Built a desktop agent that takes bids and academic papers from source documents to finished deliverables: tender parsing, disqualification-risk review, reuse of company materials, journal-template writing, research figures, and PDF export.
- Parses tender documents of up to 2,000 pages and checks five categories of disqualification risk, keeping all project files local on the user's machine.

EDUCATION

Mohamed bin Zayed University of Artificial Intelligence (MBZUAI)

Bachelor of Science in Artificial Intelligence

Aug 2025-Expected May 2029

Abu Dhabi, UAE

- First-year GPA: **3.93/4.00**; named to the Dean's List in the first semester.

TECHNICAL SKILLS

Programming & Frameworks: Python, C, CUDA; PyTorch

AI Infrastructure: SGLang, vLLM; CUDA Kernel Development; CUDA Profiling; Nsight Systems; Heterogeneous Resource Scheduling

AI & Agents: Agentic Workflows; Multi-agent Simulation; RAG & Memory Systems

Research & Evaluation: Benchmark Design; LLM Evaluation; Experimental Design; Performance Profiling

Engineering Tools: Agent Harness Engineering; Codex and Claude Code