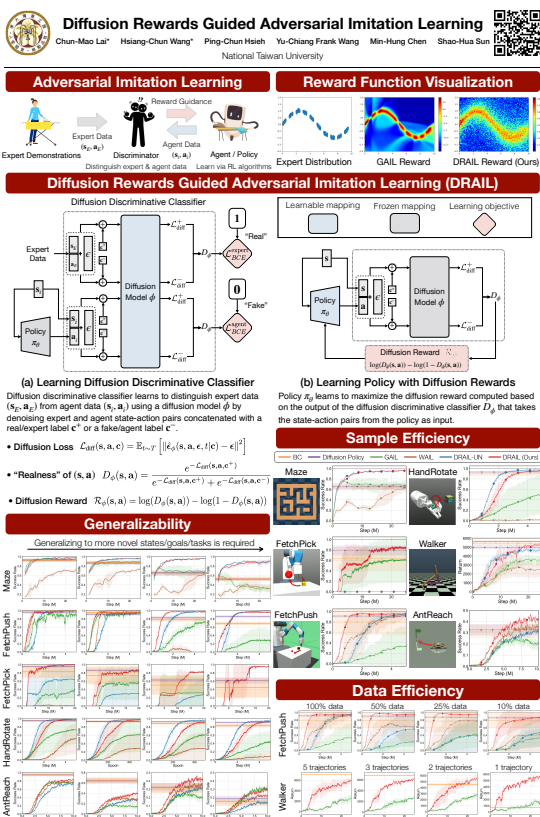
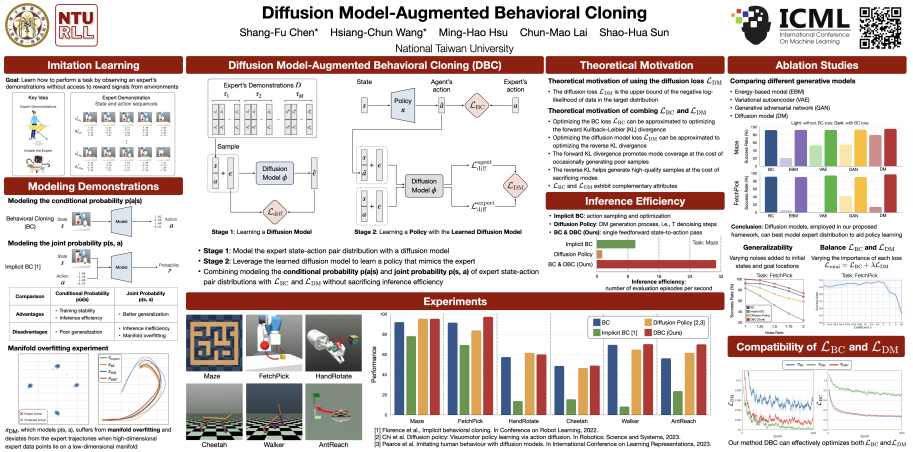


ACADEMIC & PROFESSIONAL HIGHLIGHTS



NeurIPS 2024 — Poster Presentation



ICML 2024 — Poster Presentation

Common IPC methods

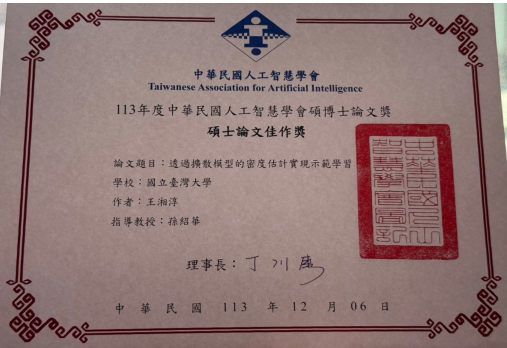
1. File
2. FIFO (Named Pipe)
3. Signal
4. Semaphore
5. Pipe
6. Message Queue
7. Shared Memory
8. Socket

IPC

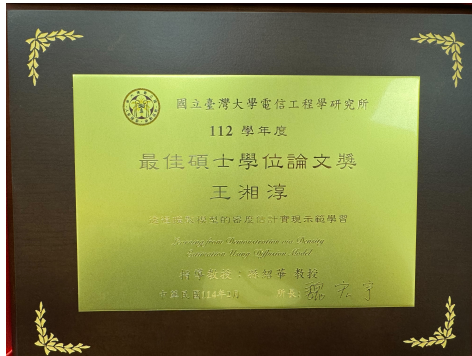
4 Common Multi-threading Pitfalls

1. Thread Safety Problem
→ Data races and synchronization issues
2. Double Free Problem
→ Freeing memory more than once
3. Busy Wait with Global Flag
→ Stale flag caused by compiler optimization
4. Cache Line Problem
→ False sharing slows down performance

Multi Thread



2024 TAAI Master's Thesis Award



Best Master's Thesis Award, GICE, NTU



2nd Place, National Robotics Competition