RESEARCH / FACULTY RESEARCH

Research Projects

Investigation and mitigation of emergent adversarial communication in Multi-Agent Reinf

Robustness of EEG-based Brain-Computer Interfaces (BCIs) to adversarial perturbations o

Fault prediction and detection in medical devices (Funded by Medtronic)

Countering Human Trafficking

Fake News Detection

Open Source Intelligence Collection

Deep Learning for Intrusion Detection

Security of Algorithmic Trading

Ethical Decision-Making in AI

AI Safety

Explainable AI for Computer Vision

Multi-source Fusion

The State-of-the-Art Equipment:

The CIT and SAIL house powerful GPU machines/clusters to facilitate research involving d

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