7/ AI and American National Security

Acronyms and abbreviations

AI: Artificial Intelligence

AMD: Advanced Micro Devices (Company Name)

GDPR: General Data Protection Regulation

GPUs: Graphical Processing Units

LLMs: Large language models

UNESCO: United Nations Educational, Scientific, and Cultural Organization

Nanotechnology: The manipulation of matter with dimensions of less than 100 nanometers, like individual atoms and molecules

National Institute of Standards and Technology's AI Risk Management Framework: A set of guidelines that helps organizations manage the risks of AI

Neural Networks: A computer system modeled on the human brain and nervous system

OpenAI: A prominent AI research company

Glossary

ByteDance: A Chinese company that develops social media apps, like TikTok

Cloud Providers: Third-party companies that offer cloud-computing services to allow businesses to store and process data

Deep learning: A type of machine learning which focuses on utilizing neural networks to perform tasks

Frontier models: Large-scale machine learning models that are far more powerful than prior AI innovations