

Format

- Due on March 20th 11:59pm (1 page)
 - Name + NetID of each group member
 - Project summary (1 paragraph)
 - Project plan (1 paragraph, gantt chart (optional))
 - Individual responsibilities (1 paragraph)
- You should start forming teams of **2–3 students**, which is the **strongly recommended project size**.
- Mark breakdown:
 - Proposal (1 page) 5%
 - Final presentation 10%
 - Final report 10%

Format

- Goal: Explore new and creative ideas in efficient AI and system.
- Your project should be feasible and well-scoped. Example topics include (but are not limited to):
 - Efficiency techniques on Application-specific Neural Network (Efficient AI + X)
 - Efficient large-model prefilling and decoding for faster execution
 - CNN/Transformer implementation on edge device
 - Efficient DNN training
 - Feel free to brainstorm your own ideas!
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Sample Projects

- Optimizing Communication in Memory-constrained 3DGS Training (Efficient AI + Graphics)
- Efficient Visual Autoregressive Modelling via Model Compression (LLM pruning)
- Multi-agent LLM Debates (LLM system)
- EfficientMCUNet-Based Face Detection on Raspberry Pi (AI system)
- Efficiency AI for Drug Delivery (AI + Science)