

Assignment-0: Introductory Sheet



- Name, degree enrolled, department: **(Sriraman Iyengar, Masters, Computer Engineering)**
- Checklist on what you know (also mention your knowledge level for each: no knowledge, beginner, intermediate, expert)
 - Python **(Expert)**
 - C/C++ **(Intermediate)**
 - Deep learning Knowledge **(Intermediate)**
 - CNN **(Intermediate)**
 - RNN **(Intermediate)**
 - LSTM **(Intermediate)**
 - GRU **(Beginner)**
 - Autoencoders **(No Knowledge)**
 - GAN **(No Knowledge)**
 - Transformer **(No Knowledge)**
 - GPT **(No Knowledge)**
 - Diffusion Models **(No Knowledge)**
 - MOE **(No Knowledge)**
 - Others **(VIT, Encoder-Decoder)(No Knowledge)**
 - CUDA **(Intermediate)**
 - Deep learning frameworks (e.g., TensorFlow, PyTorch) **(Beginner)**
 - Distributed Deep Learning **(No Knowledge)**
 - Inference Optimizations **(No Knowledge)**
- Any specific questions about the course: Will the quizzes be in-person or at home? How many CUDA assignments will there be?