BoYang ZHENG

📞 18923898647   @ bytetriper@sjtu.edu.cn   ⦿ github.com/bytetriper

🎓 Undergraduate of Computer Science and Technology   🏛 Shanghai Jiao Tong University (SJTU)

📅 2003 April.   ⦿ Shanghai

Highly-motivated undergraduate in Computer Science and Technology with good foundations of math. Passionate about deep learning. Currently working on projects about adversarial attack, skilled in C++, python, java, C. Have much experience in pytorch.

🔧 Competences & Languages

Deep-Learning	⭐ Very familiar with PyTorch.
GPA	90.22/100, rank 9/33 in ACM Honor Class 2021
Programming	Python, C++,C ,Java,CSS/HTML
🔤 **Languages**	**English** — reading & writing (conversant); listening & speaking (good)
Awards	Top one paper award in machine learning(CS3308).

🎓 Education

present	ACM Honor Class 2021, **Shanghai Jiao Tong University**
September 2021	Undergraduate in Computer Science and Technology

</> Personal Projects

- `ML-projects`: (python) **Hands-on experience** with CNN, RNN, LSTM, Transformer, ViT etc. implemented by pure PyTorch.
- `CPU`: (Verilog) A CPU with tomasulo algorithm, branch prediction and out-of-order execution. Written with verilog and runs on an actual FPGA.
- `Compiler`: (java) An O0 level, graph-coloring based compiler for a self-defined language called Mx*, which resembles Java much.
- `Adversarial Attack against LDMs`:(python) A project about adversarial attack against latent diffusion models.(currently working on)

⚙ Achievements

- `Latent Magic`: <Latent Magic: An Investigation into Adversarial Examples Crafted in the Semantic Latent Space>: A reseach into adversarial attacks crafted in latent space, which purposed the FIRST evaluation metric in this field. The paper served as the project of machine learning class.
- `Scores`:
  Computer Programming: 94/100
  Data Structure: 94/100
  Machine Learning : 95/100 (top one paper award)
  Algorithm: 99/100(final exam).