Rongjian Gu

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🔗 `https://rj-gu.github.io` • ⚙ `https://github.com/rj-gu`

🎓 Education Background

University of Science and Technology of China, Hefei, Anhui, China   2021 – now

B.S. in School of the Gifted Young(SGY), Major in Computer Science and Technology

- GPA: 3.89 / 4.3 (*until 2023 fall*)
- Rank: 18 / 254
- Core lessons:
    - Mathematical Analysis B2: 90
    - Linear Algebra B1: 96
    - Data Structure: 92
    - Introduction to Computing Systems A: 96
    - Computer Organization and Design(*Honor*): 93
    - Operating Systems(*Honor*): 99
    - Foundations of Algorithms: 97
    - Principles and Techniques of Compiler: 97
- Online lessons:
    - Machine Learning on Coursera
    - Deep Learning on Coursera

👥 Research / Project Experiences

Project Reappearance   September 2023 – May 2024

Advisor: Fuli Feng   Essay work Reappearance

- Implemented TALLRec, an effective tuning framework, to align LLM with Recommendations; BIGRec, a Bi-step Grounding method to align LLM with Recommendation.
- Learned the process of fine-tuning LLaMA.
- Gained practical experience in pytorch & transformers programming.

See TALLRec in: `https://arxiv.org/abs/2305.00447`
See BIGRec in: `https://arxiv.org/abs/2308.08434`

Image Multi-categorization based on ResNet   March 2022 – June 2022

No Advisor   Group Project, developed in collaboration with two other students

- Trained and verified a ResNet network using pictures.
- Developed a multi-classification model specifically for cat pictures.

Details in: `https://github.com/RJ-Gu/pytorch-cat_face_recognition`

GlowFS Distributed Graph File System   March 2023 – July 2023

Advisor: Kai Xing   Group Project, Developed in collaboration with four other students

- Achieved an efficient, intuitive, and user-friendly online graph file system.
- Constructed and optimized the framework of a distributed graph file system.
- Addressed the data consistency problem to a significant extent.
- Improved the visualization on the web page.

Details in: `https://github.com/OSH-2023/My-Glow`

🏆 Honors & Awards

- **Excellent Student Scholarship**, Silver   October, 2023

  This award recognizes students in the top 10% of their class in the annual comprehensive evaluation.
- **Excellent Student Scholarship**, Silver   September, 2022

  This award recognizes students in the top 10% of their class in the annual comprehensive evaluation.
- **Excellent Freshman Scholarship**, Silver   September, 2021

✔ Language Test Score

- TOEFL iBT score: 103(29R+27L+22S+25W)

⚙ Skills

- Programming language: C/Cpp/Python/Verilog
- Programming tools: pytorch/transformers/LaTeX/Mathematica/Git/Markdown
- Developing Platform: Linux

ℹ Others

- Blog: `https://rj-gu.github.io`
- Github: `https://github.com/rj-gu`