Fanyi Pu

📞 +65 8398-1454 | ✉ FPU001@e.ntu.edu.sg | 🌐 pufanyi.github.io | G 58tv6skAAAAJ | ⦿ pufanyi

EDUCATION

Nanyang Technological University
Bachelor of Computing in Data Science and Artificial Intelligence
Singapore
2022 – 2026

- Expected Honours (Distinction), Current CGPA: 4.63 / 5.00
- Studied various non-major courses such as Japanese (till level 3), Electromagnetism, Computational Economics Numerical Analysis, Stochastic Process and Cryptography.

University of California, Berkeley
Summer Session
Berkeley, CA
Jun 2024 – Aug 2024

- Studied *Computer Security* and *Game Theory*
- GPA: 4.00 / 4.00

EXPERIENCE

Undergraduate Research Experience on Campus
MMLab@NTU
Jun 2023 – Present
Singapore

- Supervised by Prof. Ziwei Liu.
- Contributed to Otter, LMMs-Eval, VideoMMMU.

The International Collegiate Programming Contest (ICPC)
Nanyang Technological University / Dalian University of Technology
2021 – 2024
Singapore / China

- Ranked 6th in ICPC Asia-Manila Regional Contest.
- Gold medal in ICPC Asia-Kunming Regional contest.
- Silver medal in ICPC Asia-Nanjing Regional contest.

Simon Marais Mathematics Competition
Nanyang Technological University
Dec 2022
Singapore

- Best-in-University Prize in Nanyang Technological University.
- Solved problems in number theory, game theory, and calculus.

PROJECTS

LMMs-Eval

- An Evaluation Suite for Large Multimodal Models
- Earned 2.6k stars on GitHub.
- Adopted by projects such as LLaVA (ByteDance) and Apollo (Meta).

Video-MMMU

- Built an evaluation set on multi-discipline professional videos.
- Evaluated LMMs' knowledge acquisition on videos.
- Cited by Gemini 2.5 Pro, Seed1.5-VL and Kimi-VL.

Multi-Modal In-Context Instruction Tuning

- Developed a pipeline to generate a multimodal instruction tuning dataset using pure language models.
- Paper accepted by *IEEE Transactions on Pattern Analysis and Machine Intelligence* (TPAMI).
- Earned 3.3k stars on GitHub.

Nanyang Programming Contest

- Organized multiple competitions and lectures.
- Aimed at helping students struggling with algorithm problems in interviews.

HOBBIES

Chess (lichess ID: pufanyi, rating: 2084), calligraphy (Yan Zhenqing), table tennis

SERVICES

Reviewer: TMM, ACL