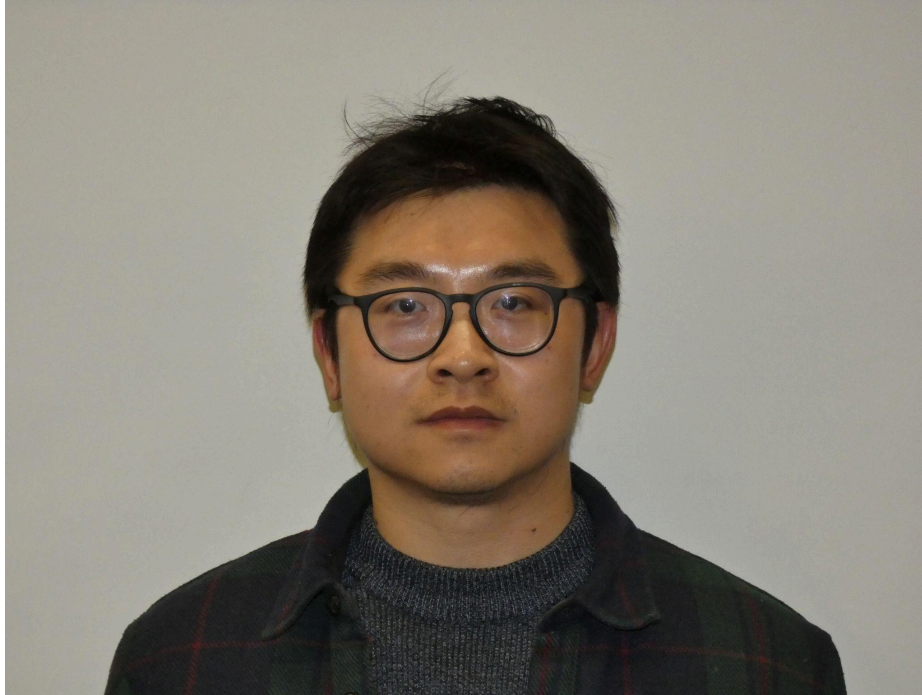


## About Yourself:

1. Your portrait



2.

3. Bio:

- a. I am Yangxin Fan, a Ph.D. candidate in Computer Science at Case Western Reserve University. My research focuses on graph neural networks, large language models, scalable machine learning, and spatio-temporal data analytics, with an emphasis on AI for Science. My work develops machine learning methods for real-world applications in materials science, molecular learning, chemistry, and finance".
- b. My google scholar link:  
<https://scholar.google.com/citations?user=93z-sKsAAAAJ>
- c. Link to your Google Scholar webpage or home institute

## About the Project:

1. List for all the publications you have done as part of this project.
2. The news/highlights (such as C&E News, etc) contributed to this project
3. Description of our unique capabilities and software packages with links:
  - a. High-throughput experiment, the LANL Super Separator (videos, etc)
  - b. High-throughput simulation, pyrion/flux interfacing with ADF, Gaussian, VASP
  - c. Architector
  - d. ML- models, PADRE, MLTB, GPR models,
  - e. Cinema visualizer
  - f. Databases for Separation

