

Nan Li, Ph.D. Candidate

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🌐 Shanghai, 200092, PR China



🔍 Seek occupations for research about developing algorithms and also gain various experience about data. Be creative, enterprising, bold but cautious, good at self-study and glad to explore the unknown.

Education

- 2022 – Now 📌 **Research student, Nagoya University, Japan**
Major in Applied Physics. *Joint Educational Program sponsored by CSC.*
- 2019 – Now 📌 **Ph.D. Candidate, Tongji University, China**
Major in Computational Mathematics. *GPA 4.61/5*
- 2015 – 2019 📌 **Bachelor, Ocean University of China, China**
Major in Information and Computing Science. *GPA 3.78/4*

Miscellaneous Experience

Internship

- 2023 📌 **LLM Fine-tuning for Automatic Speech Recognition, VoicePing, Japan**
Fine-tuning training Chinese audios and subtitles by models like Whisper and Azure.
Collection and annotation of Chinese data.
- 2022 📌 **Teaching Assistant** Probability and Statistics.

Academic Talk

- 2023 📌 **10th International Congress on Industrial and Applied Mathematics (ICIAM), Tokyo**

Awards and Achievements

- 2019 📌 **The Third Prize** Graduate Industrial and Financial Big Data Modeling and Computing Invitational Competition.
- 2017 📌 **National Scholarship** Awarded by Ministry of Education of China.

Research Publications

Journal Articles

- 1 N. Li, J. Ding, and J.-F. Yin, "Modified relaxation two-sweep modulus-based matrix splitting iteration method for solving a class of implicit complementarity problems," *Journal of Computational and Applied Mathematics*, vol. 413, p. 114 370, 2022.
- 2 N. Li and J.-F. Yin, "The randomized circumcentered-reflection iteration method for solving consistent linear equations," (*Preprint*), 2022.
- 3 J.-F. Yin, N. Li, and N. Zheng, "Restarted randomized surrounding methods for solving large linear equations," *Applied Mathematics Letters*, vol. 133, p. 108 290, 2022.

Skills

- Languages 📌 Mandarin Chinese: Native, English: Fluent, Japanese: Beginner.
- Coding 📌 MATLAB, Python, \LaTeX .
- Research Interests 📌 Numerical Linear Algebra, Complementarity Problems, Randomized Algorithms.