Xingli Fang, Ph.D. Student

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in http://www.linkedin.com/in/example/
○ https://github.com/XingderyFun
● https://xingderyfun.github.io/Xingli-FANG/

Education

2023 – 2026	▮	**Ph.D. Computer Science, North Carolina State University**, Raleigh, NC, USA On-going.
2021 – 2022	▮	**M.Sc. Computer Engineering, Syracuse University**, Syracuse, NY, USA
2017 – 2021	▮	**B.Eng. Software Engineering, Northeastern University**, Shenyang, Liaoning, China Thesis: *Design and Implementation of Music Retrieval System based on Singer Voiceprint*

Research Publications

Journal Articles

1 Liu, Z., Wang, Y., Li, L., **Fang, X.**, & Wang, J. (2022). Realtime prediction of hard rock tbm advance rate using temporal convolutional network (tcn) with tunnel construction big data. *Frontiers of Structural and Civil Engineering*, *16*(4), 401–413.

2 Liu, Z., Li, L., **Fang, X.**, Qi, W., Shen, J., Zhou, H., & Zhang, Y. (2021). Hard-rock tunnel lithology prediction with tbm construction big data using a global-attention-mechanism-based lstm network. *Automation in Construction*, *125*, 103647.

Skills

Coding	▮	C++, Java, Python, Kotlin, R, swift, sql, …
Databases	▮	Mysql, sqlite, Oracle.
SW Dev	▮	**Web:** Html, JavaScript, Springmvc, Mybatics. **Android:** Kotlin.
Languages	▮	English, Mandarin Chinese.
Misc.	▮	Academic research, teaching, training, consultation.

Miscellaneous Experience

Awards and Achievements

2021	▮	**Graduate Student Grant** of Syracuse University.
	▮	**The 3rd-Class Prize** of *excellent graduation design in 2021 graduation design exhibition in NEU*.
2018	▮	**The 3rd-Class Prize** in Provincial Level of *the 10th National Mathematics Competition for College Students in China*.
	▮	**The 3rd-Class Scholarship** for Outstanding Students of Northeastern University.

Software Copy Right

2021	▮	**Intelligent perception feedback system for TBM tunnel construction process v1.0**. A copyright in China, As the 2nd author, the 1st author is Prof. Zaobao Liu.