

# Ting Li

Qinhuangdao, Hebei Bachelor

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## Education

Northeastern University, China

*B.E. in Data Science and Big Data Technology*

September 2021 – June 2025(expected)

GPA: 3.8211 / 5

## Projects

Social Practice Activities of “Three Rural Areas” in Summer | *Yimeng spirit, Team field research*

July 2022

Instructor: Bing Chai

The team members came to Songshan Village, Taoxu Town, Mengyin County, Linyi City, Shandong Province, and studied and understood the connotation of Yimeng spirit through on-the-spot interviews, farming and presentations, which lasted for 2 weeks.

- Based on the investigation records, we organized the system into four investigation dialogue reports.
- Wrote a 12,000-word research report.

DRGS classification and cost prediction for the entire cancer medical treatment process | *Machine learning*

October 2022 – October 2023(expected)

Instructor: Yushan Jiang

Study focuses on the whole-cycle medical data mining and knowledge discovery of cancer, which involves single-disease clinical diagnosis and treatment data characterized by polymorphism, low quality, high redundancy, long time series, and high privacy. The objective is to construct a medical data mining platform.

- Generated a knowledge graph using NEO4J based on the de-identified patient data provided by the hospital.
- Organized the data into the database (managed by SQL language).
- Studying the correlation between the data and initially decided to use the method of multiple regression for in-depth analysis.

## Awards

Third-class comprehensive scholarship | *Northeastern University*

NEU 2022

National Encouragement Scholarship | *Ministry of Education of the People's Republic of China*

NEU 2022

Innovative entrepreneurship scholarship | *Northeastern University*

NEU 2023

The M Prize of the International Mathematical Modeling Competition for College Students | *COMPA*

US 2023

## Honors

- Excellent League member
- Excellent class Committee
- School-level outstanding student cadres
- Social practice advanced individual

## Technical Skills

**Languages:** Python, C/C++, SQL, Matlab

**Developer Tools:** VS Code, PyCharm

**Certificate:** CET4 ( 531 ) and CET6 ( 498 )