RONGXIN CHEN

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EDUCATION

Northeastern University, Shenyang China **09/2020 - 07/2024**

Bachelor of Software Engineering(Direction of artificial intelligence)

- **GPA (overall):** 91.246/100(rank:5%)

- **Major course scores:** Advanced Mathematics One (92), Advanced Mathematics Two (94), Linear Algebra (96), Discrete Mathematics (91), Probability Theory and Mathematical Statistics (97) Fundamentals of Programming (95), Data Structure and Algorithm (91), Principles of Computer Composition (95), Computer Network (96), Operating System (93), Database (93)

HONOR

- **National Scholarship in 2021-2022 Academic Year**

- The title of outstanding member model of Northeastern University in the academic year of 2021-2022

- First class scholarship for outstanding students of Northeast University in 2021-2022 academic year

- Outstanding Student of Northeast University in 2020-2021 Academic Year

REWARDS

- International Second Prize of 2022 American Mathematical Modeling Competition

- National Second Prize of the 13th National Mathematics Competition for College Students

- National Second Prize of China University Big Data Challenge in 2021

- Gold Award of the 8th Liaoning "Internet plus" College Students Innovation and Entrepreneurship Competition

- Second Prize of Liaoning WeChat Applet in 2022

PROJECTS

Anomaly detection and trend prediction in intelligent operation and maintenance 2021.09-2021.11
Using data mining and machine learning algorithms, anomaly detection model is established to identify outlier data, and solve the problem of anomaly detection and trend prediction in the operation and maintenance of China Telecom base station equipment.

Intelligent recommendation system for patients 2022.04-2022.07
Participate in the intelligent medical recommendation system, mainly responsible for the front-end page design and interaction of small programs, and crawl the contents of hospital announcements by using crawler technology.

Intelligent decision-making system of mineral processing production index 2022.03-2022.07
Participate in the design and development project of digital tora-pull large-screen front-end, innovatively interact Unity with the front-end Web interface, and are mainly responsible for the design of front-end Web pages and the display of large-screen charts.

SKILLS

- Machine learning based on **sklearn**, **lightgbm**, **xgboost**, etc.

- Data analysis based on **numpy**, **pandas**, **scipy**, **matplotlib**, etc.

- Mathematical Modeling and Software Development