

## Mr. Xiubin Cui

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### Highlights

- Extensive academic and research experience
  - Exceptional leadership and public speaking skills
  - Strong problem-solving and critical thinking abilities
  - A genuine passion for continuous learning and personal growth
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### Education Background

**China University of Geosciences (Wuhan)**

09/2022—07/2026

Major: Computer Science and Technology (Big Data)

Overall GPA: 3.66/5.00

WES: 3.64/4.00

Degree: Bachelor of Engineering (07/2026)

Coursework: *Introduction to Algorithms* | *Discrete Mathematics* | *Data Structure* | *Database Management* | *Computer Network* | *Big Data Platform and Application*

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### Publications

1. *USIViz: An Efficient Visualization System for Multi-Source Urban Spatial Information Data*
  2. *Stock Market Prediction Using Recurrent Neural Network and LSTM*
  3. *Production Line Fault Diagnosis Based on Time-Lag Data Mining and Machine Learning*
  4. *Few-shot Bearing Fault Diagnosis using Adaptive Detail Convolution and Global KAN-Transformer with Mahalanobis Distance*
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### Internship Experience

**1. Beijing Baidu Netcom Science Technology Co., Ltd. (Intern Video cloud group)**

07/2025-09/2025

Responsibility: enhance product functionalities—RTC (Real-Time Communication)

Achievements: optimizing existing product functions

**2. Dezhou Linglong Tire Co., Ltd.(Intern Information Technology)**

01/2025-02/2025

Responsibility: Customized feature development

Achievements: improving the development efficiency

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### Academic Project & Research Experiences

1. Big Data Platform Course Project: *Taobao “Double 11” Data Analysis and Prediction Based on Hadoop and Spark* 06/2024-07/2024
  2. High-Performance Computing Course Project: *Research and Optimization of a Parallel Depression-Filling Algorithm* 04/2024-06/2024
  3. High-Performance Computing Course Design: *Simulation of Physical Systems Using Parallel Computing* 06/2024-07/2024
  4. Computer Architecture Course Project: *Modification and Extension of Microprogrammed Instruction Systems* 01/2024-02/2024
  5. Data Visualization Course Project: *3D Immersive Visualization of a Digital Campus* 10/2024-11/2024
  6. Spatiotemporal Big Data Course Project: *Image and Text Analysis for Natural Disaster Prediction* 05/2025-06/2025
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### Honors and Awards

1. Champion of the School of Computer Science “Freshmen Cup” Basketball Tournament 2022
2. First Prize in the 34<sup>th</sup> Scientific Paper Presentation Conference, School of Computer Science 2023
3. National First Prize in the 12<sup>th</sup> “Teddy Cup” Data Mining Challenge 2024

***Curricular & Extracurricular Activities***

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5. School of Computer Science Scientific Paper Presentation Conference	10/20/2022
6. School of Computer Science “Freshmen Cup” Programming Contest	03/12/2024
7. Central China Collegiate Programming Invitational	04/21/2024
8. School of Computer Science “JiKe Cup” Badminton Tournament	04/14/2024
9. Urban–Rural Social Research Project	07/13/2024
10. Wuhan Optics Valley Marathon	11/17/2024
11. Huawei Ascend AI Developer Innovation Day	11/22/2024
12. Huawei Wuhan Research Institute Open Day Seminar	05/30/2024
13. China University of Geosciences (Wuhan) Autumn Sports Games	11/05/2024
14. Officer, Technology Department, School of Computer Science	09/20/2022

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***Key Skills***

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1. Software: MATLAB, LaTeX, R, VScode, Clion, Git, IDEA
  2. Technical language: Master c/c++, python, java, css, html, and so on.
  3. Language: English, Chinese