

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: <i>Introduction to Algorithms</i> <i>Discrete Mathematics</i> <i>Data Structure</i> <i>Database Management</i> <i>Computer Network</i> <i>Big Data Platform and Application</i>	

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	

Academic Project & Research Experiences

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

Honors and Awards

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

Curricular & Extracurricular Activities

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

Key Skills

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