

# Bai Rongfu

📍 Xi'an Jiaotong University    ✉ Barof4718@stu.xjtu.edu.cn    📞 (+86) 181 9226 3271

## EDUCATION

**Xi'an Jiaotong University, Bachelor of Software Engineering**      **Sept 2022 – Present**

- **GPA:** 3.5/4.3
- **Average Score:** 85.04/100
- **Core Courses:**  
Object-Oriented Programming, Data Structures, Algorithm Analysis and Design, Database Systems, Operating Systems, Computer Organization and Architecture, Graph Theory and Algebraic Systems, Mathematical Modeling, Discrete Mathematics, Machine Learning, Image Processing and Computer Vision
- **Notable Achievements:**  
Scored 4.0 or 4.3 in subjects such as Discrete Mathematics, Advanced Mathematics, Linear Algebra, Programming, Physics, Image Processing and Computer Vision, and Computer Graphics.

## EXPERIENCE

### Personal Honors

- Outstanding Student for the academic year 2022-2023.
- Outstanding Class Cadre for the academic year 2023-2024.
- Third - class Scholarship at the university level for the academic year 2022-2023.

### Leadership & Extracurricular Activities

- Served as Class Leader of Software Class 2201  
Awarded "University Civilized Class" and "Model Class of Excellence" honors
- Participated in provincial-level UAV club innovation project on Logistics Drone in Unknown Environments, project rated "Excellent".  
(responsible for landing zone recognition and path planning algorithms)

### Research Experience

- **Instance Segmentation**      **April to June 2024**  
Conducted research with Prof. Bi Haixia (School of Information and Communication Engineering) on Instance Segmentation of PolSAR Images via Contrastive Learning.
- **Model Quantization**      **July 2025 - Present**  
Conducting research on computer vision model quantization at Efficient Neural Computing and Design Lab, Westlake University, under Prof. Wang Huan, with the goal of submitting a paper to ICLR 2025.

### Internship Experience

**February to March 2025**

- **Algorithm Engineer Intern** at Chengdu Shangcheng Data Co.  
Gained hands-on experience in researching recommender system algorithms.

## SKILLS

### Technical Skills

- Skilled in Pytorch, CUDA programming, Python, Java, C++, MySQL, Spark

### Languages

- IELTS Reading 8.0 — strong English reading ability
- IELTS Overall: 6.5