

**Xia-Yang Li**  
**Curriculum Vitae**  
Email: lixiayangtju@163.com

## RESEARCH INTERESTS

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- Deep Learning Theory.
- AI For Science.

## EDUCATION

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### **B.S.**

Year of completion: 2023  
School of mathematic  
Tianjin University  
Advisor: Professor Huaming Wu

### **Ph.D. Candidate**

Year of completion: 2028 (expected)  
Academy of Mathematics and System Science  
Chinese Academy of Sciences  
Advisor: Professor Shihua Zhang

## PUBLICATIONS

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### **Refereed Journal Articles**

Xiayang Li, Moxuan Chen, Huaming Wu, Multiple errors correction for position-limited DNA sequences with GC balance and no homopolymer for DNA-based data storage, Briefings in Bioinformatics, Volume 24, Issue 1, January 2023, bbac484, <https://doi.org/10.1093/bib/bbac484>.

### **Completed Articles**

Optimization or generalization: A trade-off based on initialization parameters of ReLU neural networks.

## ELECTED AWARDS AND HONORS

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### **Outstanding Student Model of Tianjin University**

Year: 2023

### **National Scholarship for Undergraduates**

Year: 2021 & 2022

### **The Exemplary Student of the School of Mathematical Sciences at Tianjin University.**

Year: 2020 & 2021 & 2022

## TEACHING EXPERIENCE

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Advanced Algebra Academic Tutoring

@Tianjin University