Yilin Yan | Curriculum Vitae

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"A mathematician is a machine for turning coffee into theorems."
– Alfréd Rényi

Education

Honors Program in Science (Tang Class) **Jilin University**
B.S. in Computer Science *2018–present*
GPA: 3.51 / 4.0, Rank: 25 / 27

Research Interests

In General
Theoretical computer science and machine learning theory, with a focus on their intersections and designing efficient algorithms with theoretical guarantees.

In Particular
- Sublinear algorithms and communication complexity-derived lower bounds
- Online learning and online optimization
- Beyond worst-case analysis and learning-augmented algorithms
- Algorithms design using tools from modern mathematics

Research Experience

Smoothed Online Convex Optimization in Cloud Computing **Jilin University**
Advisor: Shang Gao *2021.2–present*

Adversarially Robust Sampling and Streaming Algorithm **Jilin University**
Advisor: Still looking for *2021.5–present*

Publications

I believe it will come in the near future.

Languages

English: Fluent
Chinese: Native

More Info

Homepage: yilin-yan.github.io