

# 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)\***

*B.S. in Computer Science*

GPA: 3.51 / 4.0, Rank: 25 / 27

**Jilin University**

*2018–present*

## Research Interests

### In General.....

Theoretical computer science, learning theory and their subtle intersections, with a focus on designing efficient and elegant algorithms with theoretical guarantees, using tools from both TCS and modern mathematics.

### In Particular.....

- Online decision making and algorithmic convex geometry
- Sublinear algorithms and communication complexity-derived lower bounds

## Research Experience

**Smoothed Online Convex Optimization**

*Advisor: Shang Gao*

**Jilin University**

*2021.2–present*

## Publications

I believe it will come in the near future.

## Languages

**English:** Fluent, with CET-4 (607) and CET-6 (509)

**Chinese:** Native

## More Info

**Homepage:** [yilin-yan.github.io](https://yilin-yan.github.io)

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\*Honors Program in Science of Jilin University belongs to national plan led by Chinese Ministry of Education. Through assessment and ranking, no more than 100 excellent students are selected from the whole fresh students in Jilin University every year, and every selected student receives the highest-level academic training in one of five tracks of basic sciences, including *mathematics, physics, chemistry, biology and computer science*.