

# JIAYUAN YE

homepage: <https://yuan74.github.io/yuan74/index.html>

Tel: (+86) · 153 · 9559 · 7298 ◊ Email: yuan74@mail.ustc.edu.cn

## EDUCATION

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**University of Science and Technology of China**

*August 2016-Present*

Junior in Computational Mathematics

Overall GPA: 3.79 (Rank 7/58)

## A SHORT BIOGRAPHY

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**Engineering department**

August 2016 - July 2017

*undergraduate*

*USTC*

- In August 2016, I got admitted to the engineering department of USTC.
- From June 2017 to October 2017, my team took part in the RoboGame competition held by the engineering department of our school and the robot club. We constructed a robot doing traditional Chinese paper-cutting.

**School of Mathematics**

July 2017 - Present

*undergraduate*

*USTC*

- In June 2017, I passed the examination for changing my major and got transferred to the School of Mathematics.
- In February 2018, my team took part in the The Interdisciplinary Contest in Modeling(ICM) held by COMAP. We applied neural network to problem E and built a model evaluating the effect of various factors to a region's overall fragility. And we got Meritous Winnner prize.
- In May 2018, my team did a 3-week project for our computer graphics class. We constructed a tower defense game using Unity 3D and we focused on making buildings with interesting geometry.
- Starting from Dec. 31. 2018, I started working on a undergraduate research program under the guidance of Prof. XiandeZhang. The project mainly covers the relation between AONT, orthogonal arrays and resilient functions.

**Summer Institute at Oxford**

July 2018 - August 2018

*student*

*Oriel College, Oxford*

- I studied 4 course: AI with focus on search(Part 1), AI with focus on search(Part 2), quantum computing, numerical analysis&image processing and ontologies.

## AWARDS AND ACHIEVEMENTS

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In Sep 2016, I won Bronze Prize for outstanding Freshmen Scholarship.

In September 2017, I was awarded National scholarship(TOP 1%).

In February 2018, I took part in ICM held by COMAP and won Meritous Winnner prize.

In Sep 2018, I won the Yuanqin Harvest moon Sci-Tech scholarship(3%).

In Nov 2018, I won bronze prize for excellent student scholarship in USTC.

In August 2018, I won the scholarship for excellent academic performance during Summer Institute at Oriel, Oxford.

## STANDARDIZED TESTS

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TOEFL iBT : 104(total) 30(reading) 27(listening) 23(speaking) 24(writing)

GRE: 154(Verbal)+168(Math)+3(AW)

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	C/C++, python
<b>Mathematical software</b>	Matlab, Mathematica, Sage
<b>Tools</b>	latex