

# ZENGRUI HAN

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School of Mathematical Sciences, USTC

No.96 Jinzhai Road, Baohe District, Hefei, China

## EDUCATION

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**University of Science and Technology of China, Hefei**

Bachelor's in Mathematics

School of Mathematical Sciences

*September 2016 - Present*

Overall GPA: 3.91/4.30

Overall percentage: 90.11/100.00

## RESEARCH INTERESTS

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Algebraic Geometry, Representation Theory

## RESEARCH EXPERIENCE

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**Hypergeometric Duality Conjecture**

*Mathematics Department, Rutgers*

Supervisor: Prof. Lev Borisov

*July 2019-September 2019*

**McKay Correspondence**

*School of Mathematical Sciences, USTC*

Supervisor: Prof. Xiao-Wu Chen

*December 2017-October 2018*

## PUBLICATIONS AND PREPRINTS

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- *On duality of certain GKZ hypergeometric systems*, with Lev Borisov and Chengxi Wang, arXiv:1910.04039.

## TEACHING ASSISTANT EXPERIENCE

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**2019 Spring: Modern Algebra**

Lecturer: Prof. Hongjia Chen

**2018 Fall: Foundation of Algebra**

Lecturer: Prof. Yi-Huang Shen

## HONORS & AWARDS

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- 2019 Huang Yu Memorial Scholarship
- 2018 Outstanding Student Scholarship, Silver Award
- 2017 Outstanding Student Scholarship, Silver Award
- 2015 Chinese Mathematical Olympiad, Bronze Medal

## STANDARD TESTS

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- TOEFL-iBT: Total 98, Reading 27, Listening 22, Speaking 21, Writing 28
- GRE General: Verbal 147, Quantitative 170