

# RUNZHE YANG

Homepage: <https://runzhe-yang.github.io>

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## ABOUT ME

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A fourth-year undergraduate student at the School of Mathematics and Statistics, Wuhan University, majoring in Statistics and Probability, on the way of being a Probabilist.

## EDUCATION

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**Hong Kong Unniversity of Science and Technology (HKUST)–Department of Mathematics**

*Visting Internship Student for Research*

Feb. 2024 - June 2024 (Expected)

**Wuhan University(WHU)–School of Mathematics and Statistics**

*Bachelor of Statistics*

Sept. 2020 - June 2024 (Expected)

**Overall GPA:3.76/4.0(89.8/100)**(2020 Fall–2023 Summer)

## RESEARCH INTERESTS

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My primary research interests lie in the area involving Probability and Analysis.

- Statistical Physics: Percolation, Gaussian Free Fields, Random Interlacements, Schramm-Loewner Evolutions
- Stochastic Analysis and SPDEs

## RESEARCH PROJECTS

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**Lower Bound for Disconnection of Loop Percolations**

*Supervised by Prof. Dr. Maximilian Nitzschner*

May 2023 – Now

## HONORS AND AWARDS

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- First Prize, the 13th China National Mathematics Competition for College Students Dec. 2021
- Finalist, the 4th Alibaba Global Mathematics Competition May 2022
- Winner's Prize, the 13th S.-T. Yau College Student Mathematics Contest, Statistics and Probability track Jul. 2022
- First Class, WHU Outstanding Mathematics Student Scholarship, 2021-2022 academic year Nov. 2022
- Third Prize, Finals of the 13th China National Mathematics Competition for College Students Mar. 2023

## ACADEMIC EXPERIENCES

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- Summer School Series on Probability and Related Fields: Masterclass in Random Geometry(Funded), Beijing International Center For Mathematical Research (BICMR), PKU, Beijing, China Jul. 2023

## STANDARDIZED TEST

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TOEFL iBT: 92(R:28, L:22, S:18, W:24)

## TECHNICAL PROFICIENCIES

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- **Computer:** C/C++, R
- **Languages:** Chinese(native), English(fluent)