Zifan Wang (Atticus)

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I am a 2nd year undergraduate student at MIT studying mathematics, primarily interested in homotopy theory and algebraic geometry.

Education

2022–2026	Massachusetts Institute of Technology, B.S. (expected)
2018–2022	Princeton International School of Mathematics and Science

Preprints

2024	Rewarded Region Replay (R3) for Policy Learning with Discrete Action Space. With Bangzheng Li, Ningshan Ma. arXiv:2405.16383 [cs.LG]
2023	On the Analytic Langlands Corrrespondence for PGL_2 in Genus 0 with Wild Ramification. Mentored by Daniil Klyuev, arxiv:2312.01030 [math.AG].
2020–2021	Representation Stability and Finite Orthogonal Groups. Mentored by Arun Kannan. *Algebras and Representation Theory* (2023), link. Part of PRIMES-USA.

Awards and experience

2023	SPUR program, MIT math
2022	Top 40 Finalist, Regeneron Science Talent Search
2021	Gold Medal, International Mathematical Olympiad
2021	Winner (perfect score), USA Mathematical Olympiad
2021	Silver Medal, Asian Pacific Mathematical Olympiad