

Yanzhihong Hu

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🔗 yanzhihong-hu.github.io/

in Yanzhihong Hu

🐙 [yanzhihong-hu](https://github.com/yanzhihong-hu)

Education

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| BS | University of Illinois Urbana-Champaign , Mathematics | Jan. 2023 - Present |
| | • GPA: 3.86 | |
| BS | Zhejiang Gongshang University , Mathematics | Feb. 2021 - Dec. 2022 |
| | • GPA: 3.65, Rank 3 | |
| BA | Zhejiang Gongshang University , Chinese language and literature | Sept. 2020 - Dec. 2020 |

Research Experience

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| Illinois Mathematics Lab | IL, USA |
| • Research about Linear Poisson cohomology in dimension 4 mentored by Florian Zeiser | Aug. 2023 to Dec. 2023 |
| Illinois Mathematics Lab | IL, USA |
| • Research about Poisson cohomology in dimension 4 mentored by Florian Zeiser | Jan. 2024 to Present |
| University of Illinois Urbana-Champaign | IL, USA |
| • Reading Course about Akio Kawauchi's articles solving open problems in topology/geometric group theory, mentored by Igor Mineyev. | Aug 2023 to Dec. 2023 |
| University of Illinois Urbana-Champaign | IL, USA |
| • Reading Course about 4-Manifolds and Kirby Calculus, mentored by Jake Rasmussen. | Aug 2023 to Dec. 2023 |

Courses

Mathematical Analysis/Calculus I,II,III, Advanced Algebra/Abstract Linear Algebra, Modern Algebra/Intro to Abstract Algebra I, Ordinary Differential Equations, Intro to Abstract Algebra II, Probability Theory, Mathematical Statistics, Set Theory and Topology, Abstract Algebra (Graduate), General Topology (Graduate), Intro to Algebraic Geometry (Graduate), Algebraic Topology I (Graduate), Intro to Geometric Group Theory (Graduate)

Skills

Presentation, Teaching, Python, \LaTeX