Jason Zhu

Ph.D. Student in Operations Research
H. Milton Stewart School of Industrial and Systems Engineering
Georgia Institute of Technology
jasonzhu123@gmail.com | 214-385-3387

Education

Georgia Institute of Technology — Atlanta, Georgia
Ph.D. in Operations Research — *Expected May 2030*
Advised by Dr. Guanghui (George) Lan

Stanford University — Stanford, California
M.S. in Computational and Mathematical Engineering — *June 2023*

Stanford University — Stanford, California
B.S. in Mathematics — *June 2022*

Research Interests

Stochastic optimization; nonlinear programming; variational inequalities; reinforcement learning.

Research Papers

Yao Ji, Guanghui Lan, **Jason Zhu**
Computation of Strong Solutions to Stochastic Variational Inequalities
Journal manuscript; under review at Mathematical Programming. arXiv:2609.04188 (2026).

Talks

Computation of Strong Solutions to Stochastic Variational Inequalities

- Annual INFORMS Conference, San Francisco, CA — November 2026
- MOPTA Conference, Bethlehem, PA — August 2026

Awards and Honors

- Ronald J. and Carol T. Beerman Fellowship

Industry Experience

MathWorks — Natick, Massachusetts
Engineer (Engineering Development Group) — *August 2023–August 2025*

Wells Fargo, Quantitative Internship Program — Charlotte, North Carolina
Data Science Intern (Quantitative Internship Proram) — *June 2022–August 2022*

Undergraduate Research Experience

Stanford Management Science and Engineering Research Program — Stanford, California
Undergraduate Summer Research Intern; supervised by Dr. Jose Blanchet — *June 2021–August 2021*

Stanford CURIS, Computer Science Research Program — Stanford, California
Undergraduate Summer Research Intern; supervised by Dr. Ron Fedkiw — *June 2020–August 2020*

Stanford SURIM, Mathematics Research Program Stanford, California
Undergraduate Summer Research Intern; supervised by Dr. Vladimir Kazeev *June 2019–August 2019*

Teaching Experience

Georgia Institute of Technology Atlanta, Georgia
Center for Academics, Success, & Engagement (CASE) tutor

- ISyE 2027: Probability with Applications

Stanford University: Stanford, California
Teaching and Course Assistant *Fall 2021-Spring 2023*

- MATH 104: Applied Matrix Theory
- MATH 51: Linear Algebra, Multivariable Calculus, and Modern Applications
- MATH 21: Calculus

Skills

Languages: English (native), Mandarin Chinese (fluent)
Programming: MATLAB, Python, Julia, C, C++

References

Guanghui (George) Lan
A. Russell Chandler III Chair and Professor
H. Milton Stewart School of Industrial and Systems Engineering
Georgia Institute of Technology
george.lan@isye.gatech.edu