

Mo Yang

Incoming PhD student, University of Toronto, CA
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Education

University of Toronto Doctor of Philosophy in Mechanical and Industrial Engineering	Toronto, Canada Sep. 2025 — Nov. 2030 (expected)
University of Michigan Bachelor of Science in Engineering in Data Science, Minor in Mathematics Graduate with highest distinction Summa Cum Laude	Ann Arbor, USA Aug. 2023 — May. 2025
Shanghai Jiao Tong University Bachelor of Science in Electrical and Computer Engineering Selected as Honored Graduate	Shanghai, China Sep. 2021 — Aug. 2025 (expected)

Publications and Preprints

- [1] Jiayi Zhao, **Mo Yang**, Jing Shuang (Lisa) Li. (2024). “Human Balancing on a Log: A Switched Multi-Layer Controller”. Accepted by *The 2025 American Control Conference*. Online available.
- [2] **Mo Yang**, Dezhi Zhou. (2025). “Ignition Delay Prediction for Fuels with Diverse Molecular Structures Using Transfer Learning-Based Neural Networks”. *Energy and AI*, Volume 19, 100467. DOI: 10.1016/j.egyai.2024.100467.

Selected Honors

James B. Angell Scholar	Ann Arbor, USA. Feb. 2025
Roger King Scholarship	Ann Arbor, USA. Aug. 2024
Summer Undergraduate Research in Engineering (SURE) Stipend	Ann Arbor, USA. Mar. 2024
SJTU Undergraduate Excellent Scholarship	Shanghai, China. Oct. 2022
Second Prize in the National Physics Contest for High School Students, Shanghai	Shanghai, China. Oct. 2019

Teaching

Grader Math 471 Introduction to Numerical Methods	University of Michigan SU2024
Teaching Assistant ECE 2300 Electromagnetics I	Shanghai Jiao Tong University SU2024
Teaching Assistant MATH 2860 Honor Mathematics IV	Shanghai Jiao Tong University FA2023
Teaching Assistant MATH 2850 Honor Mathematics III	Shanghai Jiao Tong University SU2023