

ALAN SUN

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EDUCATION

Carnegie Mellon University	December 2025
Master of Science in <u>Computer Science</u>	GPA 4.0/4.0
Dartmouth College	June 2024
Bachelor of Arts, <u>Computer Science, Mathematics</u> , <i>magna cum laude</i> , High Honors	GPA 3.9/4.0

HONORS AND AWARDS

• U.S. National Science Foundation Graduate Research Fellowship	2025–2030
• G-Research Grant for Early Career Researchers	May 2025
• Max-Planck Institute for Software Systems Visiting Scholar Fellowship	June 2024
• John G. Kemeny Computing Prize for Innovation	May 2024
• Neukom Prize for Outstanding Undergraduate Research —First Prize	May 2024
• James O. Freedman Presidential Scholar	2022–2023
• Francis L. Town Prize for Achievement in Computer Science	December 2022
• Johns Hopkins Applied Physics Lab Intern Achievement Award for Technical Excellence	August 2022

PUBLICATIONS

1. *Provably Tracking Equivalent Mechanistic Interpretations Across Neural Networks*
A. Sun, M. Toneya.
ICLR (2026) [[pdf](#)]
2. *Circuit Stability Characterizes Language Model Generalization*
A. Sun
ACL (2025) [[pdf](#)]
3. *Achieving Domain-Independent Certified Robustness via Knowledge Continuity*
A. Sun, C. Ma, K. Ge, S. Vosoughi
NeurIPS (2024) [[pdf](#)]
4. *Deciphering Stereotypes in Pre-Trained Language Models*
W. Ma, H. Scheible, B. Wang, G. V., P. C., **A. Sun**, A. K., L. Wang, D. Yang, S. Vosoughi
EMNLP (2023) [[pdf](#)]
5. *ThanosNet: A Novel Trash Classification Method Using Metadata*
A. Sun and H. Xiao
IEEE Big Data (2020) [[pdf](#)]

TEACHING

• Optimization for Machine Learning (TA)	CMU
• Probability (Grader)	Dartmouth
• Real Analysis (Grader)	Dartmouth
• Algorithms (TA)	Dartmouth
• Multivariate Calculus (Peer Tutor)	Dartmouth
• Digital Electronics (TA)	Dartmouth

SERVICE

• ICLR, Reviewer	2025, 2026
• NeurIPS, Reviewer	2024, 2025
• ACL Student Research Workshop, Reviewer	2025
• {MATH-AI, ATTRIB, MechInterp} Workshop @ NeurIPS, Reviewer	2024, 2025