

TUE DO (U.S. CITIZEN)

ML Theory Researcher
tuedo2@illinois.edu ◇ tuedo2.github.io

EDUCATION

University of Illinois at Urbana-Champaign

M.S./Ph.D. in Electrical & Computer Engineering
Advised by Daniel Alabi and Varun Chandrasekaran

August 2024 - Present

GPA: 4.0/4.0

University of Illinois at Urbana-Champaign

B.S. in Computer Science & B.S. in Mathematics (Dual Degree)
Chancellor's Scholar, James Scholar, Dean's List, Highest Honors (CS), High Distinction (MATH)

August 2020 - May 2024

GPA: 3.96/4.0

PUBLICATIONS

Where Diffusion Models Remember: Mutual Information, Noise, and Samples

Tue Do, Daniel Alabi

Submitted to ICML 2026

Efficiently Attacking Memorization Scores

Tue Do, Varun Chandrasekaran, Daniel Alabi

Submitted to ICML 2026 (preprint)

Creator Hearts: Investigating the Impact Positive Signals from YouTube Creators in Shaping Comment Section Behavior

Frederick Choi, Charlotte Lambert, Vinay Koshy, Sowmya Pratipati, Tue Do, Eshwar Chandrasekaran

CHI 2025

WORK EXPERIENCE

Sandia National Lab

Research & Development Intern

May 2023 - October 2023

Albuquerque, NM

- Resolved memory leaks and development of internal packages for satellite simulation tool.
- Developed parsing code for processing data in data pipelines.
- Placed third in internal Machine Learning Hackathon.

PrairieLearn Development Team

Software Development Intern

August 2022 - May 2023

Urbana-Champaign, IL

- Full-stack development of theoretical computer science educational tool using HTML, CSS, and Python.
- Weekly stand-up meetings and partner programming responsibilities.
- Open source contributions to educational software.

TEACHING

- ECE 313: Probability with Engineering Applications (TA)
- CS/ECE 374: Introduction to Algorithms & Models of Computation (TA, CA)

TALKS

- Efficiently Attacking Memorization Scores, *Security and Privacy @ Illinois Seminar*, 10-30-2025

Last updated: 1/28/2026