

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