

# TUE DO (U.S. CITIZEN)

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

## EDUCATION

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### 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

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### Efficiently Attacking Memorization Scores

**Tue Do**, Varun Chandrasekaran, Daniel Alabi

*Submitted to ICLR 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

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### 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

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

## TECHNICAL STRENGTHS

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### Computer Languages

Python, C++, C, HTML, CSS, Javascript, SQL, MongoDB

### AI/ML

PyTorch, Slurm, Tensorflow

### Misc.

Linux, R, Matlab, Figma

## MISC.

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- Performer and choreographer for traditional Vietnamese lion dance
- Top 2000 in North America in card game Hearthstone

*Last updated: 09/22/2025*