

# TUE DO

tuedo2@illinois.edu | tuedo2.github.io

## RESEARCH STATEMENT

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I'm interested in everything fundamental about algorithms and machine learning.

## EDUCATION

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### University of Illinois at Urbana-Champaign

August 2024 - Present

*M.S. in Electrical and Computer Engineering*

- Advisor: Varun Chandrasekaran

### University of Illinois at Urbana-Champaign

August 2020 - May 2024

*B.S. in Computer Science, B.S. in Mathematics*

*GPA: 3.96/4.00*

- Chancellor's Scholar, James Scholar, Dean's List, Highest Honors (CS), High Distinction (MATH)

## EXPERIENCE

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### Teaching Assistant

August 2024 - Present

*Graduate*

- CS/ECE 374: Introduction to Algorithms | A. Umrawal (FA 2024)

### Research & Development Intern

May 2023 - September 2023

*Sandia National Laboratory | Mentor: Michael DeAntonio*

*Remote*

- Resolved memory leaks in large codebase
- Developed parsing code for new research file formats
- Conducted research survey in optical machine learning methods

### Software Development Intern

August 2022 - May 2023

*PrairieLearn for Theoretical Computer Science*

*Urbana-Champaign, IL*

- Developed new features and designed new theoretical computer science problems and formats

### Course Assistant

August 2022 - May 2024

*Undergraduate*

*Urbana-Champaign, IL*

- CS/ECE 374: Introduction to Algorithms | T. Chan & R. Mehta (SP 2024), C. Chekuri (SP 2023), S. Har-Peled (FA 2022)

## MISC.

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- Choreographed and directed traditional lion dance for Vietnamese Student Association at UIUC
- Play volleyball at an amateur level
- (Very) amateur music composer
- Native proficiency in English and Vietnamese

*Last updated at 05/21/2024.*