

TUE DO

tuedo2@illinois.edu | tuedo2.github.io

RESEARCH STATEMENT

I want to prevent Google from knowing everything about me. More technically, I'm interested in differential privacy algorithms and guarantees in learning contexts.

EDUCATION

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

Teaching Assistant August 2024 - Present

Graduate

Urbana-Champaign, IL

- 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.

- 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.