

# Tue Ngoc Do (U.S. Citizen)

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in tuedo2



## Education

- 2020 – 2024    **B.S. Computer Science, University of Illinois at Urbana-Champaign**  
3.97 GPA
- B.S. Mathematics, University of Illinois at Urbana-Champaign**  
3.97 GPA

## Employment History

- 2022 – 2023    **Software Developer**  
Developed web features for PrairieLearn educational platform for the UIUC CS Department
- 2023 – 2024    **R&D Intern**  
Performing software, mathematics, and research tasks for multiple projects at Sandia National Labs

## Skills

- Languages    **Strong reading, writing and speaking competencies for English, Vietnamese**
- Coding       **Python, C/C++, Julia, HTML, css, JavaScript,  $\LaTeX$ , ...**
- Databases    **SQL, MongoDB**
- Data Science **Numpy, PyTorch, Pandas, Sci-kit, Spacy, ...**
- Misc.         **Academic research, mathematical reasoning**

## Miscellaneous Experience

### Awards and Achievements

- 2020 – 2024    **Merit Scholarships**, Concurrent James Scholar and Chancellor's Scholar at UIUC.
- UIUC Freshman Math Contest**, 3rd place.
- 2016, 2020    **AIME Qualification**, Top 2.5% in nationwide high school mathematics circuit.

### Research

- 2023           **Course Project**, Proved existence of MMS-Allocation of Tertiary Valuation Functions in Algorithmic Game Theory Course
- Undergraduate Research Assistant**, Participated in social computing research under a PhD student

### Teaching

- 2022-2023    **Course Assistant**. Office hours and grading for cornerstone undergraduate CS theory course.