

THU DANG

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 [dangthu25](#) |  [dangthumath](#) |  University of Nebraska, Lincoln

SUMMARY

Dedicated learner with a strong background in Mathematics (minor in Algebra and Number Theory). Eight years of experience as a Mathematics teacher with a passion for applying statistical and mathematical methods to real-world problems. Currently pursuing graduate study in Statistics at the University of Nebraska, Lincoln.

Interests: Statistics, Applied Mathematics, Group Theory, Number Theory

EDUCATION

University of Nebraska, Lincoln (Lincoln, USA)	Aug 2025 – Present
Graduate Student in Statistics	
Ho Chi Minh City University of Education (Ho Chi Minh City, Vietnam)	Oct 2020
Master's in Mathematics, Minor: Algebra and Number Theory	
Ranked 1 st out of 18 in the class	
Ho Chi Minh City University of Education (Ho Chi Minh City, Vietnam)	Jun 2017
Bachelor's in Mathematics	
Ranked 1 st out of 140; Thesis: Divisible Abelian Groups	

PROFESSIONAL EXPERIENCE

University of Nebraska, Lincoln	Aug 2025 – Present
– Teaching Assistant for Introductory Statistics (STAT 218)	
– Assist instructor with teaching, grading, and supporting students during office hours	
Vo Van Kiet High School	Aug 2017 – Jun 2025
– Taught Mathematics and trained students in logical reasoning and problem-solving	
– Mentored five teacher interns (2020–2025)	
– Coached students for math competitions, achieving 4 gold, 4 silver, and 4 bronze medals	
– Received the Principal's Merit Award four times for excellent performance	
Olympia High-Quality Education Company Ltd.	Jan 2023 – May 2025
– Prepared senior students for the national university entrance exam	
– Developed lesson plans and interactive math practice sessions	
Online Tutoring (Ho Chi Minh City - Florida, USA)	May 2024 – Jul 2024
– Taught General Mathematics and Algebra for the PERT exam	
– Student achieved perfect score (150/150) — a 60% improvement from previous attempt	
Ho Chi Minh City University of Education	Nov 2018 – Jun 2020
– Researcher in Group Extensions of Abelian Groups	
– Conducted independent study and presented findings to faculty seminar	
HCMC University of Science (HCMUS)	Jun 2017 – Sep 2017

- Collaborated with developers to build KHAN – an online learning platform

Nguyen Du High School Intern Mathematics Teacher	Jan 2017 – Apr 2017
Suong Nguyet Anh Secondary-High School Intern Mathematics Teacher	Jan 2016 – Mar 2016

LEADERSHIP & SERVICE

Mathematics Club, Vo Van Kiet High School	Sep 2020 – Jun 2025
– Head of the Mathematics Club, organizing math activities and competitions – Encouraged students' interest and creativity in mathematics and science	

SKILLS

Data & Programming Tools:	Excel (advanced), R, Python
Document Preparation:	LaTeX, Quarto, Markdown
Teaching & Mentorship:	8+ years teaching, mentoring interns, curriculum design
Leadership & Communication:	Public speaking, teamwork, academic event planning
Problem Solving & Writing:	Analytical thinking, clear academic writing, report design

HONORS & AWARDS

- Othmer Fellowship, University of Nebraska-Lincoln (2025)
- Merit Award – Ho Chi Minh City People's Committee (2017)
- Valedictorian, Mathematics & Informatics Dept., HCMC University of Education (2017)
- Outstanding Youth Merit Award, HCMC University of Education (2016)
- Full Scholarship for Academic Excellence (2013–2017)
- Valedictorian of Gia Lai Province in the National High School Graduation Exam (2013)