

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 1st 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 1st 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

Jan 2017 – Apr 2017

Intern Mathematics Teacher

Suong Nguyet Anh Secondary–High School

Jan 2016 – Mar 2016

Intern Mathematics Teacher

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)