

Leo Chang

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EDUCATION

Northwestern University
Bachelor of Arts in **Mathematics** | GPA: 3.79/4.00

Evanston, IL
Expected June 2025

Hume-Fogg Academic Magnet High School
GPA: 4.00/4.00

Nashville, TN
May 2021

TEACHING ASSISTANTSHIPS

MATH 218-2: Single-Variable Calculus with Precalculus

Winter 2023

MATH 220-1: Single-Variable Differential Calculus

Fall 2022

- Taught weekly discussion sections for small sections of 20-30 students and held weekly office hours
- Wrote challenging and informative problems, graded homework, and proctored exams

OTHER EXPERIENCE

NU Two-Generation Research Initiative — Research Assistant
Institute for Policy Research

January 2022 — June 2022

- Organized and cleaned administrative and survey data on 1000+ participants using Stata and Excel
- Programmed automated helper in Python to increase productivity and decrease manual error rate
- Coded Qualtrics surveys using logic techniques to streamline user experience and data acquisition

Student Organization Finance Office — Financial Assistant
Norris University Center

September 2021 — April 2022

- Served student groups as informational resource for 500+ clubs and organizations
- Provided preliminary screening of transaction requests and record-keeping documentation
- Executed document filing, check processing, and data entry for efficient organization

Design Thinking and Communication — Project Member
McCormick School of Engineering

September 2021 — December 2021

- Designed and built hair tie with 3 teammates for client with quadriplegia and limited grip strength
- Edited 50-page final report as main reviser of written deliverable products
- Received Award for Best Design at Fall 2021 Design Expo from Segal Design Institute

ACTIVITIES

Northwestern Undergraduate Math Society — President

September 2021 — Present

- Organized weekly seminar series and served as department liaison for external colloquia and events

Directed Reading Program — Mentee

March 2022 — Present

- Read Smullyan's *Gödel's Incompleteness Theorems* with a graduate student in Winter 2023
- Presented "A simplified proof of Brouwer's fixed point theorem" in Spring 2022

HONORS AND AWARDS

Dean's List (4/5 quarters), Excellence in Mathematics by a First-Year Student, National Merit Scholar, QuestBridge National College Match Finalist, Maureen O'Donnell Award for the National Latin Exam

SKILLS

Computer: Proficient in LaTeX, Python, Microsoft Excel

Languages: English, Chinese, Latin