

KAITLYN HO

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EDUCATION

University of Illinois Urbana-Champaign (UIUC)

Master of Science in Business Analytics, Gies College of Business

Champaign, IL

May 2024

Bachelor of Science in Mathematics; GPA: 3.97/4.00

May 2023

- Magna Cum Laude, High Distinction
- Minor in Secondary Education, 2023 Recipient of Outstanding Teaching of Mathematics Student

WORK EXPERIENCE

Internship Network in the Mathematical Sciences

Logistics Coordinator & Data Support Analyst

Champaign, IL

October 2021 – Present

- Produce progress reports according to the National Science Foundation's requests to communicate growth
- Improved data system usage by organizing data from 2020-2022 in Excel into Monday
- Complete side projects, such as redesigning program and staff websites through HTML and WordPress

UIUC Department of Mathematics

Lead Course Assistant/Tutor

Champaign, IL

September 2021 – Present

- Develop supplemental practice problems and prepare assignments for Pre-Calculus/Calculus I on LaTeX
- Supervise 5+ teaching assistants on specific guidelines for grading assignments through training sessions

Champaign Unit District 4

Student Teacher/Student Observer

Champaign, IL

January 2022 – April 2023

- Incorporated pedagogical techniques and activities for classes of 20-30 students that boosted participation
- Introduced biweekly questionnaires to adapt lessons according to student opinions and teach self-advocacy

Office of Undergraduate Research (OUR)

Illinois Undergraduate Research Ambassador (IURA)

Champaign, IL

January 2021 – May 2023

- Counseled 50+ students on seeking research internships by peer-advising applications to research programs
- Designed and facilitated presentations to teach students how to obtain research assistantships on/off campus

Illinois Geometry Lab – Exciting Outreach Material Project

Research Assistant

Champaign, IL

September 2020 – December 2020

- Produced hands-on activities & HTML game on symmetry groups to increase engagement in grades 4-6
- Examined efficient teaching methods to design plans in a team of 4 undergraduate and 2 graduate students

Undergraduate Research Apprenticeship Program

Research Assistant

Champaign, IL

January 2020 – August 2020

- Determine levels of professional development of Chilean teachers by analyzing qualitative data in Atlas.ti
- Derived conclusions on cycles of learning in math as a team of 2 undergraduate assistants for 6 hrs/wk

ACTIVITIES

Undergraduate Association for Women in Mathematics

President / Outreach Chair

Champaign, IL

September 2021 – May 2023

- Raised member retention from 2 to 12 members by hosting monthly social and professional events
- Delegated tasks to a 4-member board to produce events and maintain communication with department staff

Asian American Association (AAA)

Treasurer / Cultural Outreach Officer / Intern

Champaign, IL

October 2019 – April 2022

- Reviewed costs data and designed budget plans to allocate \$20k+ across different organizational sectors
- Fundraised \$2000+ to combat Anti-Asian racism by creating infographics and organizing logistics

TECHNICAL SKILLS

- Python (Intermediate), R (Intermediate), SQL (Intermediate), Mathematica (Basic), Power BI (Beginner)