Sophia Mao

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EDUCATION

Bachelor of Science | Honors College *Jan. 2026 — Present*
University of Illinois Chicago, Chicago, IL
- Major: Statistics | Minor: Philosophy

Previous Coursework
- *Harold Washington College, Chicago, IL (Sept. – Dec. 2025)*: Calculus III, Logic
- *McGill University, Montreal, Canada (2021 – 2022)*: Intro to Statistical Computing, Linear Algebra and Geometry, Intro to Computer Science | GPA: 3.41

RESEARCH EXPERIENCE

Research Committee Member *Sept. 2025 – Present*
Cook County College Teachers Union Local 1600, Chicago, IL
- Conduct independent research on faculty and staff salary structures and tuition waiver eligibility
- Collect and analyze data from peer institutions, board reports, and cost-of-living information to identify trends and equity gaps
- Synthesize findings into organized tables, summaries, and evidence-based recommendations

Intern *May 2022 – Aug. 2022*
Long Island Planning Regional Council, Syosset, NY
- Built a multi-sheet Excel database of Long Island agencies and elected officials by extracting and standardizing data from multiple sources
- Reviewed and verified project documents, resolving discrepancies and improving clarity
- Conducted outreach to municipal departments to confirm environmental practices for the Nitrogen Smart Communities Project

Intern *Sept. 2018 – Sept. 2019*
Assemblyman's Office, Great Neck, NY
- Conducted research on notable constituents and local businesses to write tailored official communications, including citations, congratulatory letters, and press releases.
- Supported community outreach initiatives and office operations

OTHER WORK EXPERIENCE

Note Taker *May 2025 – Present*
Harold Washington College, Chicago, IL
- Produce thorough, accurate, and accessible lecture notes for students with disabilities
- Proctor exams and provide transcription or read-aloud support
- Manage, scan, and upload large volumes of academic records, ensuring reliability and integrity

SKILLS

- **Programming:** R, Python, HTML/CSS
- **Software/Tools:** Excel, Google Sheets, Adobe Photoshop
- **Certifications:** Heartsaver First Aid CPR AED