

Kylie R. Lin

Doctoral Student

School of Interactive Computing

Georgia Institute of Technology

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Research Interests: information visualization, decision-making, trust in automated systems, user engagement and critical thinking, visualization recommendation systems.

Education

- 08/2023 – **Georgia Institute of Technology**
05/2028 Ph.D. in Human-Centered Computing
Advisor: Cindy Xiong
- 2019 – 2023 **Northwestern University**
B.S. in Communication Studies & Cognitive Science, magna cum laude
minor: Data Science | module: Digital Media
- SoC Dean's List, all eligible terms
Lambda Pi Eta honor society member
GPA: 3.98 / 4.0

Research Experience

- Sept. 2023 – **Graduate Student Researcher**
VisualizaXiong Lab, Georgia Institute of Technology
Advisor: Cindy Xiong
- May 2022 – **Student Researcher**
June 2023 *Northwestern University Reading Comprehension Lab*
Advisor: David Rapp
- Oct. 2020 – **Research Assistant**
June 2023 *Northwestern University Visual Thinking Lab*
Advisors: Steven Franconeri
- Summer 2022 **User Experience Research Intern**
SiriusXM (Automotive Experience Design Team)
Manager: Katie Bessière

Spring 2021 **Research Assistant**
Northwestern University Social Media Lab
Advisor: Jeremy Birnholtz

Publications

Xiong, C., Setlur, V., Bach, B., **Lin, K.**, Koh, E., Franconeri, S. (2021). Visual Arrangements of Bar Charts Influence Comparisons in Viewer Takeaways. *IEEE Transactions on Visualization and Computer Graphics (TVCG)*.

Poster Presentations

Lin, K., Rapp, D., Xiong, C. (2023, November). Does Visual Complexity Impact Reader Comprehension and Confidence of Data Visualizations? [Poster session]. *Psychonomic Society*.

Awad, M. F., **Lin, K.**, & Franconeri, S. L. (2023). Mixed Graph Designs Do Not Improve Visual Memory. *Journal of Vision*, 23(9), 5781-5781.

Lin, K., Rapp, D., Xiong, C. (2023, May). The Effect of Visual Complexity on Confidence and Comprehension in Visualization Experiences. [Poster session]. *Northwestern Cog Sci Fest, Evanston, IL*.

Awad, M., **Lin, K.**, & Franconeri, S. (2022). Does using a diversity of graph types help your audience remember your data?. *Journal of Vision*, 22(14), 4279-4279.

Lin, K., Xiong, C., Rapp, D. (2022, May). Attempts to Augment Refutation Text Benefits with Visualizations. [Poster session]. *Northwestern Undergraduate Research & Arts Exposition*.

Lin, K., Awad, M.F., Franconeri, S. (2022, May). The Effects of Visual Diversity in Series of Charts. [Poster session]. *Northwestern Cog Sci Fest, Evanston, IL*.

Professional Experience

2020–2022 **Operations Analyst**
Just One Cookbook

2020–2021 **Graphics Editor & Social Media Graphics Coordinator**
North by Northwestern

Summer 2020 **Market Research & Strategy Case Analyst**
Paravane Ventures

Summer 2018 **Northwestern-Medill Journalism Institute**

Professional Services

2021 **Ad-Hoc Reviewer**, ACM Creativity and Cognition

Teaching Experience

Teaching Assistant

Spring 2023	Data Science Project	Northwestern University
Winter 2023	Data Visualization	Northwestern University
Spring 2022	Data Visualization	Northwestern University
Winter 2022	Data Visualization	Northwestern University
Winter 2021	Persuasive Images: Rhetoric in Popular Culture	Northwestern University

Peer Mentor

Fall 2021	Communication and Technology	Northwestern University
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Fellowships and Awards

2023	Northwestern Department of Communication Studies Departmental Excellence Award for Undergraduate Students
2022	MinneAnalytics Scholarship, \$500
2022	2nd Place , Women in Data Science Datathon, Chicago
2021	NU Cognitive Science Summer Undergraduate Research Fellowship, \$3500
2021	NU Summer Undergraduate Research Grant, \$3500 (awarded but declined)
2021	1st Place , Northwestern Data Visualization Contest <i>Interactive global map depicting the number of COVID-19 cases over time using RShiny. Submission published to university archives, see here.</i>
2020	Finalist , McCormick Design-a-Thon <i>Conducted market research and created a wireframe for an app promoting safe social interactions for university students in the time of COVID-19.</i>
2019	Clara Tao Memorial Scholarship, \$1000
2017	National Merit Commended Scholar