

Kristin Fasiang

PhD Student in Computer Science & Learning Sciences

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Education

Northwestern University

Evanston, IL

Ph.D. Student in Computer Science & Learning Sciences

Sep. 2023 - Present

Studying self-assessments, belonging, and collaboration in computing education. Advised by Dr. Eleanor O'Rourke.

Loyola University Chicago

Chicago, IL

B.S. in Mathematics, B.S.Ed. in Secondary Education, Minor in Computer Science

Aug. 2019 - May 2023

Graduated with Highest Honors.

Selected Awards & Honors

Design Research Cluster Fellowship Northwestern University Center for HCI + Design	2024
Travel Scholarship (\$500) EAAI-25	2024
Computing Excellence Award Loyola University Chicago Dept. of Computer Science	2023
Dean's Award Loyola University Chicago School of Education	2023
Rust Memorial Award Loyola University Chicago Dept. of Mathematics	2023

Publications

Peer-Reviewed Conference Papers

Tran, C.T., **Fasiang, K.**, Kanwal, M., O'Rourke, E. (2026). Starting From Scratch Again and Again: Tracing the Origins of High Schoolers' Negative Perceptions of Block-Based Programming. *ACM Conference on Human Factors in Computing Systems (CHI 2026)*.

Tran, C.T., Kanwal, M., **Fasiang, K.**, O'Rourke, E. (2025). Exploring Student-Perceived Dimensions of Authenticity in High School Computer Science. *Proceedings of the 2025 ACM Conference on International Computing Education Research (ICER 2025)*.

Fasiang, K., Chen, M., O'Rourke, E. (2025). The Interrelated Nature of Belonging and Self-Assessments in Computing Students' Decisions to Persist. *Proceedings of the International Conference of the Learning Sciences (ICLS 2025)*.

Neller, T.W., ... **Fasiang, K.**, Long, D., ... (2025). Large Language MadLibs Model AI Assignment. *Proceedings of the AAAI Conference on Artificial Intelligence (EAAI-25)*.

Papers in Submission

Fasiang, K., Chen, M., O'Rourke, E. (2026). Talk, Tech, and Togetherness: Ethnographic Insights into Siding in Introductory Computer Science. [Under review at the *International Conference of the Learning Sciences (ICLS 2026)*].

Teaching Experience

High School Math Teacher

Hoffman Estates, IL

James B. Conant High School

Jun. 2023 - Aug. 2023

- Taught algebra and geometry to 10th grade students for 2 semesters of summer school.
- Created curricular materials for 13, 6-hour summer class sessions.
- Provided personalized support and feedback while creating a collaborative and engaging class environment.

Student Teacher

Chicago, IL

Nicholas Senn High School

Aug. 2022 - May 2023

- Instructed over 120 9th and 10th grade students in Math 1, Math 2, and Computer Science Design courses.
- Consistently achieved a rating of accomplished from Loyola's teaching mentor for knowledge of pedagogy and the creation of supportive and respectful learning environments.
- Designed discussion and inquiry-based lessons in collaboration with cooperating teachers.

Selected Service

Internal Service (Northwestern University)

Treasurer | Graduate Women in Computing

2024 - Present

Organize bi-weekly community-building events for graduate students, research staff, and faculty in computer science programs. Secure and manage departmental budget of over \$4,000 annually.

Co-Founder and Organizer | Computer Science Education Reading Group

2024

Created a reading list of papers spanning multiple interest areas in computer science education research. Led a discussion group with 5-10 graduate students regularly in attendance.

External Service

Reviewer | International Conference of the Learning Sciences (ICLS)

2025, 2026

Event Volunteer | Make-A-Wish Illinois

2023 - Present

Ensure multiple fundraising events each year run smoothly by helping with set up, break down, and participant registration. Support the organization's mission by centering hope and joy when interacting with children and families.

Facilitator | Girls Who Code

2023

Co-facilitated after school programming experiences using Micro:Bit materials for girls at Senn High School.

Community Outreach Coordinator | Loyola Future Teachers' Club

2021-2022

Maintained club ties to the School of Education. Built sustainable connections to local communities through service.

Volunteer Math Tutor | GEAR UP Chicago

2021

Prepared CPS students for a math placement exam. Fostered relationships to make learning relevant and enjoyable.

Student Mentoring

Stephanie Rissmiller | B.S. Cognitive Science Student, Northwestern University

2025 - Present

Supported her in designing, scoping, and deploying a study on computer science students' self-assessments of programming ability when using AI to code.

Certifications

Illinois Professional Educator License (issued May 2023)

Mathematics Endorsement (Grades 9-12)

Computer Science Endorsement (Grades 5-12)

ESL Endorsement (PreK-12)