

Kristin Fasiang

PhD Student in Computer Science & Learning Sciences

kfasiang@u.northwestern.edu

linkedin.com/in/kristin-fasiang

Education

Northwestern University

Evanston, IL

Ph.D Student in Computer Science & Learning Sciences

Sep. 2023 - Present

Studying computing education and human-computer interaction, advised by Professor Eleanor O'Rourke

Loyola University Chicago

Chicago, IL

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

Aug. 2019 - May 2023

Graduated with Highest Honors

Research Experience

Understanding High School Students' Perceptions of Authenticity

Evanston, IL

Delta Lab | PI: Dr. Eleanor O'Rourke

Jan. 2024 - Present

- Developing and conducting a theoretically-grounded survey study to understand how different learning environments are perceived by computer science students. Conference paper in preparation.

Low Power Vision Platform

Chicago, IL

Software Systems Laboratory | PI: Dr. Neil Klingensmith

Jan. 2022 - Jan. 2023

- Optimized computer vision algorithms using Basic Linear Algebra Subprograms to increase efficiency on low-power edge devices.

Selected Awards & Honors

Computing Excellence Award

Loyola University Chicago Department of Computer Science

2023

Awarded for the first time to one graduating senior to recognize achievement in and commitment to the field of computer science.

Dean's Award

Loyola University Chicago School of Education

2023

Awarded to one graduating senior from the School of Education for accomplishment in undergraduate studies and commitment to the advancement of social justice in education.

Teaching Experience

High School Math Teacher

Hoffman Estates, IL

James B. Conant High School

Jun. 2023 - Jul. 2023

- Taught algebra and geometry to 2 semesters of 10th grade students who experienced challenges in their 9th grade math course.
- 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**Nicholas Senn High School***Chicago, IL**Aug. 2022 - May 2023*

- Instructed over 120 freshmen and sophomores in Math 1, Math 2, and Computer Science Design courses.
- Consistently achieved a rating of accomplished 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

Co-Organizer*Evanston, IL***Graduate Women in Computing***2024 - Present*

Coordinate community-building events for graduate students, research staff, and faculty in computer science programs.

Co-Facilitator*Chicago, IL***Girls Who Code***2023*

Coordinated after school programming and facilitated computing experiences for girls at Senn High School.

Community Outreach Coordinator*Chicago, IL***Loyola Future Teachers' Club***2021-2022*

Maintained relationships between the club and the broader Loyola School of Education. Fostered connections with the local community.

Volunteer Math Tutor*Chicago, IL***GEAR UP Chicago***2021*

Volunteered for 3 hours weekly to prepare CPS students to take the ALEKS math placement exam. Built positive relationships with students to make learning both relevant and enjoyable.

Certifications

Illinois Professional Educator License (issued May 2023)

Mathematics Endorsement (Grades 9-12)

Computer Science Endorsement (Grades 5-12)

ESL Endorsement (PreK-12)