

KATHLEEN ISENEGGER

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EDUCATION

University of Illinois Urbana-Champaign (UIUC)

September 2020 - Present

Ph.D. in Computer Science

Advisor: Colleen M. Lewis

Amherst College, Massachusetts

September 2016 - May 2020

Bachelor of Arts cum laude in Computer Science and Sexuality, Women's, and Gender Studies

FELLOWSHIPS

UIUC

Broadening Participation in Computing (BPC) Fellowship

May 2021 - August 2022

Ray Ozzie Fellowship

August 2020 - May 2021

HONORS/AWARDS

UIUC

CS Dept. Outstanding Teaching Assistants

Fall 2022

PEER-REVIEWED, ARCHIVED, CONFERENCE PUBLICATIONS

Isenegger, K., George, K., Lewis, C. M., and Bruno, P. (2023). Goal-Congruity Theory Predicts Students Sense of Belonging in Computing Across Racial/Ethnic Groups. *Technical Symposium on Computer Science Education (SIGCSE '23)*

Isenegger, K., Birhane, Y., Ojha, V., Coxe, C. and Lewis, C. (2021). Understanding and Expanding College Students' Perceptions of Computing's Social Impact. *6th Annual Conference on Research in Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT '21)*

Isenegger, K., Dong, Y., Shang, M., Furst, J. and Stan-Raicu, D. (2019). Characterizing and Quantifying Diagnostic (Un)Certainty in Medical Reports Through Natural Language Processing. *6th Annual Conference on Computational Science and Computational Intelligence (CSCI '19)*

Isenegger, K., Dong, Y., Glaser, E., Morain, A. and Gemmell, J. (2019). Comparing Automatically Extracted Topics from Online Mental Health Disorder Forums. *6th Annual Conference on Computational Science and Computational Intelligence (CSCI '19)*

WORKSHOPS

Lewis, C. M., Fowler, M., **Isenegger, K.**, Ojha, V., Perdriau, C., Saffar Prez, M., (2022) Using Physical Models of Java to Make Abstract Concepts Concrete. *Technical Symposium on Computer Science Education (SIGCSE '23)*

TEACHING

Academy High (Champaign, IL)

CS Elective: CS+X

Fall 2023

Digital Scholars

Discovering Electronic and Computer Engineering

Summer 2023

UIUC Laboratory High School

CS Elective: CS+X

Spring 2023

UIUC

CS0: Non-Technical Intro to Computing

Spring 2021, Fall 2022

CS Student Ambassadors and Research Scholars Seminar

Fall 2021, Spring 2022

User Interface Design

Fall 2020

Amherst College

CS1: Intro to CS

Spring 2018, Spring 2020

CS2: Intro to CS 2

Fall 2018

Algorithms

Fall 2019

Tutoring

Python, HTML for blind high school graduate

May 2022 - Present

SERVICE

BPC K-12 outreach and recruiting subcommittee

September 2021 - Present

High school research internship

Teacher and mentor

June - July 2022, 2023

CS Direct Reading Program

December 2022 - January 2023

UIUC Education Justice Project

Workshop teacher

April 2023

UIUC graduate students union (GEO)

CS department steward

August 2021 - Present

Officer at large

August 2021 - May 2022

Illinois CS Kickstart (college bridge program)

Lead organizer and teacher

August 2021, 2022

High school computer science camps

Teacher and facilitator

June - August 2021

RESEARCH EXPERIENCE

Devaluation Theory Project

Advisor: Colleen M. Lewis Institution: UIUC

January 2022 - Present

Goal Congruity Theory Project

Advisor: Colleen M. Lewis Institution: UIUC
Collaborating with the Computing Research Association

January 2021 - Present

BPC Enactment Strategies Project

Advisor: Colleen M. Lewis Institution: UIUC

October 2020 - Present

User-Interface for Unstructured Feedback Project

Advisor: Brian Bailey Institution: UIUC

August - December 2020

Data Mining Approximation Algorithm Project

Advisor: Matteo Riondato

Institution: Amherst College

September 2019 - May 2020

Diagnostic Uncertainty Natural Language Processing Project

Advisor: Jacob Furst

Institution: DePaul University

June - November 2019

Mental Health Reddit Natural Language Processing Project

Advisor: Jacob Furst

Institution: DePaul University

June - November 2019