Jackie Chan

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https://jackiec1998.github.io/

Research Objective

I study online communities to identify evidence-based strategies and design implications to assist moderators in managing their online spaces. Currently, I am examining the impacts of algorithmic curation on online communities, specifically on Reddit's trending feed: r/popular. I am broadly interested in topics within human-computer interaction, specifically social computing, and have experience in data science, natural language processing, and machine learning.

Topics: social computing, online communities, content moderation

Education

University of Illinois Urbana-Champaign — **Urbana, IL**
Ph.D. in Computer Science — *Sep. 2020 – Jun. 2026 (Expected)*
Advisor: Dr. Eshwar Chandrasekharan

Carleton College — **Northfield, MN**
B.A. in Computer Science & Mathematics; Cum Laude — *Sep. 2016 – Jun. 2020*

Research Experience

Graduate Research Assistant — **Urbana, IL**
Department of Computer Science, University of Illinois Urbana-Champaign — *Sep. 2021 – Present*
Advisor: Dr. Eshwar Chandrasekharan

Undergraduate Research Assistant — **Northfield, MN**
Department of Computer Science, Carleton College — *Mar. 2018 – Sep. 2019*
Advisor: Dr. Amy Csizmar Dalal

Publications

What's Trending on Reddit, and Why?: A Large-Scale Empirical Audit of Algorithmic Curation on the r/popular Feed — **CHI '25 (Under Review)**
Jackie Chan, Fred Choi, Koustuv Saha, Eshwar Chandrasekharan

Understanding Community Resilience: Quantifying the Effects of Sudden Popularity via Algorithmic Curation — **ICWSM '24**
Jackie Chan, Charlotte Lambert, Fred Choi, Stevie Chancellor, Eshwar Chandrasekharan
https://doi.org/10.1609/icwsm.v18i1.31310

Community Resilience: Quantifying the Disruptive Effects of Sudden Spikes in Activity within Online Communities — **CHI Extended Abstracts '22**
Jackie Chan, Aditi Atreyasa, Stevie Chancellor, Eshwar Chandrasekharan
https://doi.org/10.1145/3491101.3519813

Teaching

CS 105: Introduction to Computer Science for Non-Technical Majors — **Urbana, IL**
Graduate Teaching Assistant
Instructor: Dr. Colleen Lewis, Dr. Katie Cunningham, Dr. Max Fowler
Semesters Taught: Fall '22*, Spring '23*, Fall '23, Spring '24, Fall '24

CS 124/125: Introduction to Computer Science — **Urbana, IL**
Graduate Teaching Assistant
Instructor: Dr. Geoffrey Werner Challen
Semesters Taught: Fall '20, Spring '21, Summer '21, Summer '22*, Summer '23

*Ranked as Excellent by Students

Awards & Honors

Graduate Research Fellowship Program Honorable Mention — **Urbana, IL**
National Science Foundation — *Apr. 2022*
- Awarded to graduate students in STEM working on research with high intellectual merit and broader impacts.

Outstanding Teaching Assistant Award **Urbana, IL**

Department of Computer Science, University of Illinois Urbana-Champaign *Spring 2021*

- Awarded for service in CS 125 based on recognition by faculty and student evaluations.

Page Scholar **Northfield, MN**

Page Education Foundation *Sep. 2016 – Jun. 2020*

- Ran annual service projects helping students become first-generation college students.

Professional Experience

Thomson Reuters **Eagan, MN**

Software Engineering Intern *Jun. 2019 – Nov. 2019*

Professional Service & Volunteering

Reviewer **Remote**

Computer-Supported Cooperative Work and Social Computing (CSCW) *Jun. 2021*

Technical Skills

Programming Languages: Python, JavaScript, Java, Kotlin

Other Technologies: LaTeX, Git, database management systems (PostgreSQL, MongoDB), web development (React)