


Julie Jiang

✉ juliejiang112@gmail.com 🌐 julie-jiang.github.io  julie-jiang
2024 **Forbes 30 under 30** (Science)

I study **computational social science**, developing ML techniques to empirically study human behavior on large-scale online platforms for **social good**. I am graduating (PhD) mid-2024 and seeking **full-time industry opportunities**.


INDUSTRY EXPERIENCE

Spotify Research

Research Intern, Human in AI, Personalization 📅 Summer 2023  Virtual


- Understanding of the consumption of new music releases from the perspective of genres (**WebSci 2024**)

TikTok/ByteDance

Data Science Intern, Applied ML 📅 Fall 2022  Virtual


- Impact of the hierarchical diversity of ads on user engagement and retention on Tiktok

Snap Research

Research Intern, Computational Social Science 📅 Summer 2022  Santa Monica, CA

- The homophilous, reciprocal, and contagious use of Bitmojis on Snapchat (**CHI 2023**)
- Weather and impacts expressed sentiment on Snapchat stories (**ICWSM 2022**)

Google

Software Engineering Intern, Adwords API 📅 Summer 2019  Mountain View, CA

Bose Corporation

Software Engineering Intern 📅 Summer 2017  Framingham, MA

RESEARCH EXPERIENCE

USC Information Sciences Institute (ISI)  Marina del Rey, CA
Research Assistant 📅 2019–2023

- DARPA INCAS-UPSCALE: Universal population segmentation and characterization algorithms for online environments
- DARPA TAILOR-Bespoke: Learning bespoke interventions for performance optimizations in heterogeneous users

RESEARCH AREAS

Homophily, contagion, and social network effects on user behavior

- Gender pronouns on Twitter (ICWSM 2023)
- Bitmoji stickers on Snapchat (CHI 2023)
- Generosity in online games (CSCW 2022)
- Socially-motivated toxic behavior

Situating human behavior in context

- Weather's influence on sentiment (ICWSM 2022)
- Geolocation of social media posts (WebSci 2023)

Tracking social media information diffusion

- Retweet-BERT: User modeling framework using language and network features (ICWSM 2023)
- Political polarization (HBET 2020, JMIRx Med 2021)
- Susceptibility to misinformation (TheWebConf 2024)

Characterizing user types and communities

- Ad-hoc collaboration of various types of users in MOBA games (CSCW 2021)
- Consumption of new music releases from the perspective of genre preferences (WebSci 2024)

EDUCATION

University of Southern California

PhD Candidate in CS 📅 2019–2024
MS in CS 📅 2023

Tufts University

BS in CS & Math 📅 2015–2019

RESEARCH OUTPUT

- [Google Scholar](#)
- Published **14 first-authored** papers (16 total publications) with **360+ citations**
- Top conferences (CHI, TheWebConf, ICWSM, CSCW) and journals (HBET, JMIR, Bioinformatics)
- Reviewer for CHI, TheWebConf, CSCW, ICWSM, WebSci, etc.

SKILLS

python, SQL, deep learning, NLP/LLMs, statistics, network analysis, data science

AWARDS & HONORS

- 2024 USC PhD Achievement Award (\$5K)
- 2024 Forbes 30 under 30 (Science)
- 2022 Snap Research Fellowship (\$10K)
- 2021 USC nomination for the Google and Microsoft PhD Fellowships
- 2019 USC-ISI Distinguished Graduate Student Research Fellowship (\$5K)
- 2018 Tufts Tisch Summer Scholars