

Hussam Habib

☎ 319.930.9438 | ✉ hussam-habib@uiowa.edu | 🌐 hussamhabib.com |

EDUCATION

National University of Computer & Emerging Sciences

Bachelors in Computer Science

2014 – 2018

Lahore, Pakistan

University of Iowa

PhD in Computer Science

2019 – Present

Iowa City, USA

Research Interests: Computational Social Science, Online Radicalization, Content Moderation, Information Flow

EXPERIENCE

SPARTA Lab

2020 - Present

Research Assistant – Computational Social Science and Online Radicalization

TPI @ LUMS

2018 - 2019

Research Assistant – Content Moderation

OMNO

2018 - 2020

CoFounder and CTO – Computer Vision, Machine Learning and Natural Language Processing

PUBLICATIONS

Act or React

[Link](#) – ICWSM 2022

Investigating Proactive Strategies For Online Community Moderation.

Hussam Habib, Maaz Bin Musa, Fareed Zaffar, Rishab Nithyanand

We study online community evolution and use predictive tools for proactive moderation of Reddit communities.

Reactive Moderation

[Preprint](#) – ICWSM 2022

Exploring the magnitude and effects of media influence on Reddit moderation.

Hussam Habib, Rishab Nithyanand

We study media's influence on Reddit's administrative actions and measure the inadvertent propagation of dangerous ideology by media.

Radical Pathways

[Preprint](#) – CSCW 2022

How online social engagement with the Manosphere influences traits of radicalization.

Hussam Habib, Rishab Nithyanand, Padmini Srinivasan

Using a combination of social psychology theories and natural language processing, we track online radical user behavior and identify radicalizing events in online communities.

Vaccination Attitudes

[Preprint](#) – ICA 2022

Relationships Among Vaccination Attitudes, Social Media Use, and Activist vs. Radical Behavior.

Ryan Stoldt, Andrew High, Ashley Peterson, Kathryn Biddle, Raven Maragh-Lloyd, Rishab Nithyanand,

Brian Ekdale, Timothy Havens, **Hussam Habib**, and John Thiede

Examining how people's beliefs about vaccines and their social media use together affect the radical behaviors for the support of their beliefs

IN PROGRESS

Memes Kill

We collect and construct a dataset of memes spreading misinformation on COVID-19. We perform exploratory analysis to categorize the content in the memes.

Measuring Search Bias

Performing a quantitative analysis, we measure any rabbit-holing effect of search engines on partisan queries.

Fringe Data Voids

We collect and track dark jargon from fringe communities and track their spread on search engine results.

Skills

Computational Social Science; Natural Language Processing; Social Science Theories; Machine Learning; Data Science; Statistical Analysis;