Hussam Habib

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EDUCATION

National University of Computer & Emerging Sciences   2014 – 2018
Bachelors in Computer Science   Lahore, Pakistan

University of Iowa   2019 – Present
PhD in Computer Science   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.

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;