Danishjeet Singh

CONTACT
INFORMATION

Indiana University
Observatory On Social Media
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Google Scholar

EDUCATION

B.S., Computer Science, Indiana University   May 2025
Specialization: Artificial Intelligence ; Minors: Data Science and Statistics

HONORS &
AWARDS

- Luddy Academic Dean's List   (2021-24)
- Hutton Honors College Travel Grant ($600)   2024
- Hutton Honors Research Partnership Grant ($3000)   2023

PUBLICATIONS
GOOGLE SCHOLAR

Journal Articles

J1. Yang, K.-C., **Danishjeet Singh** & Menczer, F. *Characteristics and prevalence of fake social media profiles with AI-generated faces* Accepted by Journal of Online Trust and Safety; preprint arXiv:2401.02627 (2024).

PRESENTATIONS

Posters

- Characteristics and prevalence of fake social media profiles with AI-generated faces
  International Conference on Computational Social Science (Philadelphia, USA) [J1]   July 2024

TOOLS AND
SOFTWARE

Observatory On Social Media

- `ganed`: Python package to detect GAN generated faces using a eye distance metric.

Other

- `base36py`: A lightweight Python library for encoding and decoding floating point numbers between base10 and base36.

WORKING
EXPERIENCE

Observatory On Social Media, Bloomington, IN
   Research Assistant w. Dr. Filippo Menczer   2023-Present
Indiana University Computer Vision Lab, Bloomington, IN
   Research Assistant w. Dr. David Crandall   2022-23
Luddy School of Informatics, Computing, and Engineering, Bloomington, IN
   Front-end Developer Intern   2021-22

TEACHING
EXPERIENCE

Indiana University, IN, USA
   Guest lecturer, Social Media Theory and Practice (MSCH-B 360)   Spring 2024

SERVICE	**Conference Reviewer:** ICWSM(2024);
	Student Ambassador Programs: IU Undergraduate Research Ambassador (2024); Luddy Student Ambassador for Computer Science (2022-24); IU Asian Pacific Islander Alumni Association Student Representative (2022-23);
	Student Clubs and Volunteer Programs: Sikh Student Association at IU(2021-Present); Google Student Developer Club at IU(2021-24); Luddy TeachIT Program (2021-22);
IN THE PRESS	**Selected Media Coverage**

- Characteristics and prevalence of fake social media profiles with AI-generated faces [J1] *IEEE Spectrum (Feb 2024)*; *Sherwood News (July 2024)*

Last updated: September 15, 2024