

# Bao Tran Truong | Curriculum vitae

Luddy School of Informatics, Computing, and Engineering  
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## Education

2019 – **Indiana University Bloomington. IN, USA**

present • Ph.D. Candidate, Informatics (Complex Networks and Systems, Computer Science minor)

2014–2018 **State University of New York at Stony Brook. NY, USA**

• B.S. Technological Systems Management, Computer Science Engr. minor (Magna Cum Laude)

## Publications

### Peer-reviewed

- 2024 **Quantifying the Vulnerabilities of the Online Public Square to Adversarial Manipulation Tactics**, Truong, B.T.; Lou, X.; Flammini, A.; Menczer, F.  
*PNAS Nexus*, 3(7), 258-271
- 2024 **Account Credibility Inference based on News-sharing Networks**, Truong, B.T., Allen, O. M.; Menczer, F.  
*EPJ Data Science*, 13(1), 1-19
- 2023 **\*A multi-platform collection of social media posts about the 2022 U.S. midterm elections**, Aiyappa, R.; DeVerna, M.R.; Pote, M.; **Truong, B.T.**; Zhao, W.; Axelrod, D.; Pessianzadeh, A.; Kachwala, Z.; Kim, M.; Seckin, O.C.; Kim, M.; Gandhi, S.; Manikonda, A.; Pierri, F.; Menczer, F.; and Yang, K.  
*Proceedings of the 17<sup>th</sup> International AAAI Conference on Web and Social Media (ICWSM)*
- 2021 **\*CoVaxxy: A Collection of English-Language Twitter Posts About COVID-19 Vaccines**, DeVerna, M.R.; Pierri, F.; **Truong, B.T.**; Bollenbacher, J.; Axelrod, D.; Loynes, N.; Torres-Lugo, C.; Yang, K.C.; Menczer, F. and Bryden, J.  
*Proceedings of the 15<sup>th</sup> International AAAI Conference on Web and Social Media (ICWSM)*
- 2021 **Uncovering Coordinated Networks on Social Media: Methods and Case Studies**, Pacheco, D.; Hui, P. M.; Torres-Lugo, C.; **Truong, B.T.**; Flammini, A.; Menczer, F.  
*Proceedings of the 15<sup>th</sup> International AAAI Conference on Web and Social Media (ICWSM)*
- 2017 **Cognitive Presence in Minecraft Online Discussion Forums: How Question Framing Affects Subsequent Discussions**, Truong, B.T.  
Extended Abstract in *ACM Conference on Human Factors in Computing Systems (CHI)*

\*: Co-first authored papers.

## Talks & Conference Presentations

- Jul 2024 **The Effects of Time Delay in Illegal Content Takedown**,  $IC^2S^2$ , Philadelphia, U.S.
- Jul 2023 **Quantifying the Vulnerabilities of the Online Public Square to Manipulation**,  $IC^2S^2$ , Copenhagen, Denmark.
- Jul 2022 **News-sharing Networks Expose Information Polluters on Social Media**,  $IC^2S^2$ , Chicago, U.S.
- 2020, 2021 **Uncovering Coordinated Networks on Social Media**, *ICWSM (April 2021)*, *NetSci (September 2020)*,  $IC^2S^2$  (July 2020), Virtual.

March 2017 **Question Structures in a Minecraft Online Discussion Forum**, *HCI Korea*, Gangwon, South Korea.

## Awards

2022–2023 **Ostrom Fellow**, *Ostrom Workshop*, Indiana University.

2021–2022 **Knight Fellow**, *Observatory on Social Media*, Indiana University, funded by **John S. and James L. Knight Foundation**.

2021 **Luddy PhD Summer Research Award**, Indiana University.

2019–2020 **National Science Foundation Research Trainee Fellowship (NSF-NRT)**, Indiana University.

2017 **First Place at IEEE Student Paper Competition Seoul Section**, Seoul, South Korea.

2017 **Excellence Award at Creative ICT Convergence Forum**, *POSTECH Future IT Innovation Laboratory*, Seoul, South Korea.

2014–2018 **Shared Prosperity Scholarship**, State University of New York. South Korea  
○ Full merit scholarship (\$30,000/year)

## Academic Service

2024 **Reviewer**, ACM Transactions on the Web (TWEB); International Conference on Computational Social Science ( $IC^2S^2$ ).

2023 **Reviewer**, PeerJ Computer Science; EPJ Data Science.

2022–2023 **Program Committee member**, International AAAI Conference on Web and Social Media (ICWSM) (2022, 2023); ACM Web Science Conference (2023, 2024).

2022 **Invited Speaker**, *Tool demo: US Midterm Elections Cross-platform Dashboard*, Social media manipulation 101, Indiana University.

2021 **Invited Speaker**, *Misinformation on Social Media: Research & Tools*, INFO-123: Data Fluency, Indiana University.

## Work Experience

01/2022 – **Research Assistant**, Indiana University

- present**
- Swiss NSF CARISMA: Design models to assist policymakers in crafting effective policy recommendations to mitigate online harms.
  - Observatory on Social Media: Quantify the impact of adversarial tactics on social media systems' information quality.

Fall 2020, **Associate Instructor**, Indiana University

Fall 2021 ○ INFO-123: Data Fluency: Plan lectures, grade, and give guest lectures about data-related fundamental skills: extracting knowledge from data, generating predictions, and data visualization.