Nazanin Sabri

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PhD Candidate at UCSD

Education

2021–27[*] **Ph.D.**, Computer Science, University of California San Diego (UCSD)
Advisors. *Kristen Vaccaro & Mai ElSherief*
Committee. *Kristen Vaccaro, Mai ElSherief, Steven Dow, Amy Bruckman, Deepak Kumar*
Dissertation. *Designing for Facilitation in Ephemeral Social Media Spaces*

2019-21 **M.A.**, Artificial Intelligence, University of Tehran
Advisor. *Behnam Bahrak*
Thesis. *Analysis of Book Reading Patterns using Goodreads Social Network*

2015-19 **B.Sc.** Computer Engineering, University of Tehran
Advisor. *Azadeh Shakery*
Final Project. *Hate Speech Detection Using Machine Learning & Deep Learning Approaches*

Research & Work Experience

Summer 25 Visiting Researcher, New York University, (Mentor: Rosanna Bellini)
Summer 23 Visiting Researcher, University of Southern California, (Mentor: Kristina Lerman)
Summer 22 Data Science Intern, Eluvio (Mentor: Haoyu Zhang)
2020-2023 Research Assistant, Qatar Computing Research Institute, (Mentor: Ingmar Weber)
Summer 19 Data Science Intern, SnappTrip (Mentor: Heidar Taheri)

Publications (Google Scholar)
Peer-reviewed Conference Proceedings

C1. **Sabri, Nazanin**, Chen, Y., Lee, M., Dow, S. P., Vaccaro, K. & ElSherief, M. *The Balancing Act of Social Audio Facilitators: When Self-Promotion Overshadows Community Care* in. **9** (Association for Computing Machinery, New York, NY, USA, May 2025). https://doi.org/10.1145/3710981.

C2. **Sabri, Nazanin**, Pham, A. C., Kakkar, I. & ElSherief, M. *Inferring Mental Burnout Discourse Across Reddit Communities* in *Proceedings of the Third Workshop on NLP for Positive Impact* (eds Dementieva, D., Ignat, O., Jin, Z., Mihalcea, R., Piatti, G., Tetreault, J., Wilson, S. & Zhao, J.) (Association for Computational Linguistics, Miami, Florida, USA, Nov. 2024), 224–231. https://aclanthology.org/2024.nlp4pi-1.21/.

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[*]Expected.

C3.   **Sabri, Nazanin**, Chen, B., Teoh, A., Dow, S. P., Vaccaro, K. & Elsherief, M. *Challenges of Moderating Social Virtual Reality* in *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems* (Association for Computing Machinery, Hamburg, Germany, 2023). ISBN: 9781450394215. https://doi.org/10.1145/3544548.3581329.

C4.   **Sabri, Nazanin**, Reysen, S. & Weber, I. *Gender Pay Gap in Sports on a Fan-Request Celebrity Video Site* in *Proceedings of the ACM Web Conference 2023* (Association for Computing Machinery, Austin, TX, USA, 2023), 4142–4149. ISBN: 9781450394161. https://doi.org/10.1145/3543507.3583884.

C5.   Zhu, J., Galhotra, S., **Sabri, Nazanin** & Salimi, B. *Consistent Range Approximation for Fair Predictive Modeling* in. **16** (VLDB Endowment, July 2023), 2925–2938. https://doi.org/10.14778/3611479.3611498.

C6.   **Sabri, Nazanin**, Mahdizadeh, M. S., Khantazi, R. A. & Bahrak, B. *Exploring the Similarities of Iranian Influencers with Regards to Content, Relationships and Interactions with Users* in *2022 27th International Computer Conference, Computer Society of Iran (CSICC)* (2022), 1–5.

C7.   Òǵúnrmí, T., **Sabri, Nazanin**, Basile, V. & Caselli, T. *Leveraging bias in pre-trained word embeddings for unsupervised microaggression detection* in *Italian Conference on Computational Linguistics 2021: CLiC-it 2021* (2021).

C8.   **Sabri, Nazanin**, Akhavan, R. & Bahrak, B. *Emopars: A collection of 30k emotion-annotated persian social media texts* in *Proceedings of the student research workshop associated with RANLP 2021* (2021), 167–173.

C9.   **Sabri, Nazanin**, Edalat, A. & Bahrak, B. *Sentiment analysis of persian-english code-mixed texts* in *2021 26th International Computer Conference, Computer Society of Iran (CSICC)* (2021), 1–4.

C10. **Sabri, Nazanin**, Kashyap, R. & Weber, I. *Examining global mobile diffusion and mobile gender gaps through Facebook's advertising data* in *Proceedings of the 32nd ACM Conference on Hypertext and Social Media* (2021), 287–290.

C11. Salemi, A., **Sabri, Nazanin**, Kebriaei, E., Bahrak, B. & Shakery, A. *UTNLP at SemEval-2021 Task 5: A Comparative Analysis of Toxic Span Detection using Attention-based, Named Entity Recognition, and Ensemble Models* in *Proceedings of the 15th International Workshop on Semantic Evaluation (SemEval-2021)* (Association for Computational Linguistics, Online, Aug. 2021), 995–1002. https://aclanthology.org/2021.semeval-1.136/.

C12. Safari, H., **Sabri, Nazanin**, Shahsavan, F. & Bahrak, B. *An analysis of GitLab's users and projects networks* in *2020 10th International Symposium onTelecommunications (IST)* (2020), 194–200.

C13. Kebriaei, E., Karimi, S., **Sabri, Nazanin** & Shakery, A. *Emad at SemEval-2019 task 6: offensive language identification using traditional machine learning and deep learning approaches* in *Proceedings of the 13th International Workshop on Semantic Evaluation* (2019), 600–603.

Journal Articles

J1.   Rao, A., **Sabri, Nazanin**, Guo, S., Raschid, L. & Lerman, K. Public Health Messaging on Twitter During the COVID-19 Pandemic: Observational Study. *Journal of medical Internet research* **27,** e63910 (2025).

J2. **Sabri, Nazanin**, Vaccaro, K. & ElSherief, M. The Double Burden of Moderators: Safeguarding Communities While Facing Identity-Based Harassment. *IEEE Security & Privacy* (2025).

J3. Sourati Hassan Zadeh, Z., **Sabri, Nazanin**, Chamani, H. & Bahrak, B. Quantitative analysis of fanfictions' popularity. *Social Network Analysis and Mining* **12,** 42 (2022).

J4. **Sabri, Nazanin** & Weber, I. A global book reading dataset. *Data* **6,** 83 (2021).

J5. **Sabri, Nazanin**, Sadeghian, S. & Bahrak, B. A cross-country study on cultural similarities based on book preferences. *Social Network Analysis and Mining* **10,** 86 (2020).

Arxiv papers

A1. Karamolegkou, A., Borah, A., Cho, E., Choudhury, S. R., Galletti, M., Ghosh, R., Gupta, P., Ignat, O., Kargupta, P., Kotonya, N., *et al. NLP for social good: A survey of challenges, opportunities, and responsible deployment* 2025.

A2. **Sabri, Nazanin** & Elsherief, M. *Posting Patterns of Members of Parental Subreddits* 2025.

A3. Abaskohi, A., **Sabri, Nazanin** & Bahrak, B. *Persian emotion detection using parsbert and imbalanced data handling approaches* 2022.

A4. Jafari, Y., **Sabri, Nazanin** & Bahrak, B. *Investigating the effects of Goodreads challenges on individuals reading habits* 2020.

Presentations

T1. **Nazanin Sabri**. *Designing for facilitation in ephemeral social media spaces* 4th Annual Trust and Safety Research Conference (Stanford). Sept. 2025.

Teaching

University of California San Diego

2025	TA, CSE 170: Human-Computer Interaction Design
2025	TA, CSE 251A: ML Learning Algorithms
2023	TA, CSE 599: Teaching Methods
2023	TA, DSC 255R: Machine Learning Fundamentals
2022	TA, CSE 258: Recommender Systems & Web Mining

University of Tehran

2020	TA, Probability and Statistics
2020	TA, Data Transmission
2018 & 19	TA, Artificial Intelligence
2019	TA, Programming Languages and Compilers
2018	TA, Computer Networks
2018	TA, Database Systems
2017 & 18	TA, Data Structures

2018	TA, Theory of Formal Languages and Automata
2017 & 18	TA, Technical English
2017	TA, Digital Logic Design
2016	TA, Introduction to Computing Systems and Programming

Mentorship

Graduate

Thanh-nha Tran
Abeer Alessa

Undergraduate

My Tien Phan
Naomi Crowder
Adhithi Ganesan
Anh Pham
Ishita Kakkar
Marissa Lee
Jason Snyder

Academic Service

Reviewer

CHI	2025 ($N = 4$)
IUI	2025 ($N = 3$)
CSCW	2024 ($N = 1$)
ICWSM	2024 ($N = 1$)
WOAH	2024 ($N = 2$)
UIST	2024 ($N = 1$)

Student Volunteer

2021	Neural Information Processing Systems (NeurIPS)
2021	European Chapter of the ACL (EACL)
2021	Human Factors in Computing Systems (CHI)
2020	Empirical Methods in Natural Language Processing (EMNLP)
2020	Association for Computational Linguistics (ACL)
2017	Topics in Theoretical Computer Science (TTCS)

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