Nazanin Sabri

Department of CSE,
University of California San Diego (UCSD),
San Diego, CA, United States

nsabri@ucsd.edu
Google Scholar

| **EDUCATION** | **Ph.D. in Computer Science** | Sep. 2021 - present |
| | University of California San Diego (UCSD), United States | **GPA: 4/4** |

M.Sc. in Artificial Intelligence and Robotics — Sep. 2019 - Aug. 2021, **GPA: 19.70/20**
Department of Electrical and Computer Engineering
University of Tehran, Tehran, Iran

B.Sc. in Information Technology — Sep. 2015 - Sep. 2019, **GPA: 17.93/20**
Department of Electrical and Computer Engineering,
University of Tehran, Tehran, Iran

WORK & RESEARCH EXPERIENCE

Research Assistant at UCSD — Sep. 2021 - present
Supervisors: Dr. Kristen Vaccaro & Dr. Mai Elsherief

- Content moderation in ephemeral social media spaces (e.g., virtual reality, social audio)
- Analysis of discourse & misinformation about migrants, as well as the design of interventions for misinformation in audio and virtual reality applications
- Using natural language processing (NLP) to study mental health discussions in online spaces.

Visiting Research Assistant at USC — Jun. 2023 - Sep. 2023
Supervisor: Dr. Kristina Lerman

- Studying interactions with healthcare workers in the context of COVID-19 and developing guidelines that would enable these experts to get their messages across more efficiently.

Research Assistant — Jun. 2020 - Dec. 2023
Supervisor: Dr. Ingmar Weber

- Studying societal phenomena using social media usage & advertisement data.

Research Assistant at University of Tehran — Sep. 2019 - Sep. 2021
Supervisor: Dr. Behnam Bahrak

- Thesis Title: Analysis of Book Reading Patterns using Goodreads Social Network

Data Science Intern at Eluvio — Jun. 2022 - Aug. 2022

- Exploratory analysis, development, & deployment of a recommender system for NFTs.

Data Science Intern at SnappTrip — Jul. 2019 - Sep. 2019

- Demand prediction using time-series analysis, predicting ticket sales in coming weeks.

PUBLICATIONS

Nazanin Sabri, Bella Chen, Annabelle Teoh, Steven Dow, Kristen Vaccaro, and Mai Elsherief. "Understanding the New Challenges and Moderation Practices for Ephemeral Social Interactions." In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-20).

Nazanin Sabri, Sadaf Sadeghian, and Behnam Bahrak. "A cross-country study on cultural similarities based on book preferences." Social Network Analysis and Mining, 10, 86 (2020).

Nazanin Sabri, Stephen Reysen, and Ingmar Weber. "Gender Pay Gap in Sports on a Fan-Request Celebrity Video Site." Proceedings of the ACM Web Conference 2023. 2023.

Nazanin Sabri, Ridhi Kashyap, and Ingmar Weber. "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, pp. 287-290. 2021.

Nazanin Sabri, and Ingmar Weber. "A Global Book Reading Dataset." Data 6, no. 8 (2021): 83.

Zhu, Jiongli, Sainyam Galhotra, **Nazanin Sabri**, and Babak Salimi. "Consistent Range Approximation for Fair Predictive Modeling." Proceedings of the VLDB Endowment 16, no. 11 (2023): 2925-2938.

Nazanin Sabri, Ali Edalat, and Behnam Bahrak. "Sentiment Analysis of Persian-English Code-mixed Texts." 2021 26th International Computer Conference, Computer Society of Iran (CSICC). IEEE, 2021.

Alireza Salemi, **Nazanin Sabri**, Emad Kebriaei, Behnam Bahrak, Azadeh Shakery. "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, 2021.

Tolulope Ogunremi, **Nazanin Sabri**, Valerio Basile, Tommaso Caselli. "Leveraging Bias in Pre-trained Word Embeddings for Unsupervised Microaggression Detection." *to appear in* CLiC-it 2021 Italian Conference on Computational Linguistics, 2021.

Nazanin Sabri, Reyhane Akhavan, and Behnam Bahrak. "EmoPars: A Collection of 30K Emotion-Annotated Persian Social Media Texts." Proceedings of the Student Research Workshop Associated with RANLP 2021. 2021.

Emad Kebriaei, Samaneh Karimi, **Nazanin Sabri**, and Azadeh Shakery. "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, pp. 600-603. 2019.

Zhivar Sourati Hassan Zadeh, **Nazanin Sabri**, Houmaan Chamani, and Behnam Bahrak. "Quantitative analysis of fanfictions' popularity." Social Network Analysis and Mining 12, no. 1 (2022): 1-11.

Hadi Safari, **Nazanin Sabri**, Faraz Shahsavan, and Behnam Bahrak. "An Analysis of GitLab's Users and Projects Networks." In 2020 10th International Symposium on Telecommunications (IST), pp. 194-200. IEEE, 2020.

Nazanin Sabri, Mohammad Saleh Mahdizadeh, Reyhaneh Akhavan Khantazi, and Behnam Bahrak. "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), pp. 1-5. IEEE, 2022.

Yasaman Jafari, **Nazanin Sabri**, and Behnam Bahrak. "Investigating the effects of Goodreads challenges on individuals reading habits." arXiv preprint arXiv:2012.03932 (2020).

REVIEWER   **CSCW** (Jan. 2024, #reviews: 1), **ICWSM** (Jan. 2024, #reviews: 1), **WOAH** (2024, #reviews: 2), **UIST** (Apr. 2024, #reviews: 1)

TEACHING EXPERIENCE	**Teaching Assistant** *UCSD*	
	• CSE 258: Recommender Systems & Web Mining	Fall 2022
	• DSC 255R: Machine Learning Fundamentals	Winter 2023
	• CSE 599: Teaching Methods	Spring 2023

Teaching Assistant *University of Tehran*

- Probability and Statistics — Fall 2020
- Data Transmission — Fall 2020
- Artificial Intelligence — Fall 2018, Fall 2019
- Programming Languages and Compilers — Spring 2019
- Computer Networks — Fall 2018
- Database Systems — Fall 2018
- Data Structures — Fall 2017, Spring 2018, Fall 2018
- Theory of Formal Languages and Automata — Fall 2018
- Technical English — Fall 2017, Spring 2018
- Digital Logic Design — Spring 2017
- Introduction to Computing Systems and Programming — Fall 2016

PROFESSIONAL AFFILIATIONS

F1 Nov. 2016 - Dec. 2017
(Magazine of University of Tehran's Computer Engineering Department)
- Department Chief
- Issue Editor (Special Edition, Class of 2016)
- Website Developer

Association for Computing Machinery (ACM) Jan. 2018 - May 2018
Vice Chair of University of Tehran's ACM Chapter

International Association for the Exchange of Students for Technical Experience (IAESTE) Mar. 2017 - Feb. 2018
Working as a mentor at IAESTE Iran

VOLUNTEER EXPERIENCE

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

STUDENT MENTORSHIP
- Abeer Alessa (GRADWIC 2023-2024 mentorship cycle)
- Adhithi Ganesan (Winter & Spring 2024: Design)
- Anh Pham & Ishita Kakkar (Summer 2023, Fall & Winter 2024: NLP)
- Marissa Lee (2022-2023: NLP & Application Development)
- Jason Snyder & Ivan Maykov (Spring 2024: NLP)
- Jonathan Weakliem & Thomas Rexin & Shreya Velagala & Jenelle Truong (ERSP 2022)
- Jiaying Yang & Thanh-nha Tran (Spring 2024: Web Development)

TEST SCORES   **TOEFL** (August 2, 2020) Total:**116/120**
Reading (30/30), Listening (30/30), Speaking (28/30), Writing (28/30)

GRE (September 30, 2020)
Verbal: 154 (**63**rd percentile), Quantitative: 164 (**83**rd percentile), Analytical Writing: 4 (**55**th percentile)

ONLINE COURSEWORK

- Introduction to Project Management   View Certificate
- Deep Learning Specialization   View Certificate
- Computational Social Science Specialization   View Certificate
- Foundations: Data, Data, Everywhere   View Certificate