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<https://scholar.google.it/citations?user=j-RtwDQAAAAJ>

## **RESEARCH INTEREST**

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Artificial Intelligence, Large Language Models, Natural Language Processing, Multimodality, Multilingual Models, Social Media Content Analysis (Disinformation, Disaster informatics), Speech Processing

## **EDUCATION**

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- PhD**      **Computer Science, ICT Doctoral School, [University of Trento](#), Italy**      Nov-2011 to Dec-2016
- The Design of Computational models for Analyzing Personality and Affective Behavioral Signals (particular focus on empathy) from speech and text.
  - Conversation summarization in terms of *emotion, topic and sentiment*.
  - **Supervisor:** [Giuseppe Riccardi](#), University of Trento, Italy.
- M.Sc.**      **Computer Science, Human Language Technology, [University of Trento](#), Italy**      Nov-2010 to Oct-2011
- **Notable Courses:** Machine Learning, Speech Processing, Text Processing, Human Computer, Interaction, Spoken Dialogue System and Machine Translation.
  - **Thesis:** *Named Entities Recognition on Broadcast News Transcription*.
  - **Supervisor:** [Bernardo Magnini](#), FBK, Trento, Italy.
- B.Sc.**      **Computer Science & Engineering, [BRAC University](#), Bangladesh**      Oct-2001 to Dec-2006
- Thesis:** *Voice Creation for Speech Synthesis*. **Supervisor:** [Mumit Khan](#), BRAC University, Bangladesh.

## **RESEARCH & DEVELOPMENT EXPERIENCE**

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- Scientist**      **QCRI, Hamad Bin Khalifa University**      Oct-2019 to Present
- **Leading LLMs Benchmarking Effort at QCRI:** Benchmarked Arabic NLP tasks, and developed benchmarking framework (<https://llmebench.qcri.org/>), working towards robust Arabic LLMs.
  - **PI:** HBKU SRG grant - AI-EDAPT: Artificial Intelligence for Educational Adaptation Personalization and Transformation (Awarded May 2024)
  - **LPI: Tanbih Project**, since may 2022 (<https://www.tanbih.org/>): Aims to characterize profile media in terms of bias, factuality and persuasion techniques. Additional focus is automatically identifying information disorders (disinformation, misinformation or malinformation) from multimodal content to enable content moderation efforts. [\[Several invention disclosures submitted\]](#)
  - **LPI:** NPRP14C-37878-SP-469 (SP#2 Critical Digital Literacy) \$625,820 USD. It is a part of a cluster project (NPRP14C-0916-210015) of ~4M USD (Jan/2023 – Dec/2026)  
-- The focus is on developing methods and systems to detect persuasion techniques used to manipulate people and on creating methods to raise awareness and mitigate their effects.
  - **PI:** NPRP14C-37878-SP-465 (SP#1 MARSAD) \$926,256 USD. It is a part of a cluster project (NPRP14C-0916-210015) of ~4M USD (Jan/2023 – Dec/2027)  
-- The focus is to develop a web-based observatory of the past, current and trending discussion topics on social media.

- **LPI:** HBKU-SRO-Facebook-Multimodal Data Project (A Corpus for Persuasion Techniques in Multimodal Data) ~85K USD (May/2022 – Oct/2023)  
 -- The goal has been to develop a larger dataset and a model for detecting persuasion techniques in memes.

- **LPI:** IDKT fund (TDF 03-1209-210013 -- Tanbih: Get to Know What You Are Reading) ~82K USD (Jan/2023 – Sept/2023)  
 -- The goal was to enhance the capabilities of the Tanbih system by integrating Arabic models to detect media framing, factuality, bias, and propagandistic content, and to create a demonstration system for stakeholders.

- **NeuroX project** (<https://neurox.qcri.org/>): The goal was to analysis latent content encoded in the transformer models and map them into human defined concept.  
 [A patent application is filed]

- **Internal collaboration** with Crisis Computing Team (<https://crisiscomputing.qcri.org/>) to help social media content classification for damage assessment during disaster events, which helps humanitarian responses (<http://aidr.qcri.org>)

- Maintaining annotation platform, which served 150+ in house annotation projects since 2019 (<https://micromappers.qcri.org>)

<b>Post-Doctoral Researcher</b>	<b>QCRI, Hamad Bin Khalifa University</b> - Developed humanitarian data processing services - Maintained micromapper ( <a href="https://micromappers.qcri.org">https://micromappers.qcri.org</a> ) - Responsible for AIDR ( <a href="http://aidr.qcri.org">http://aidr.qcri.org</a> ) functionalities development - Research: (i) domain adaptation techniques using deep learning, (ii) multimodal (text and image) model development	<u>Feb-2018 to</u> <u>Sept-2019</u>
<b>Research Associate</b>	<b>QCRI, Hamad Bin Khalifa University</b> - Developed Image Processing Pipeline into AIDR system ( <a href="http://aidr.qcri.org">http://aidr.qcri.org</a> )	<u>Sept-2016 to</u> <u>Jan-2018</u>
<b>PhD Research</b>	<b>SIS Lab, University of Trento, Italy</b> <ul style="list-style-type: none"> <li>• <b>Segmenting Emotional Episodes:</b> Emotional segment detection from call center's dyadic conversations.</li> <li>• <b>Conversation Summarization:</b> Summarizing conversations in terms of <i>emotion, topic and sentiment</i>.  <a href="http://www.sensei-conversation.eu">http://www.sensei-conversation.eu</a>,  <a href="https://youtu.be/I_6gde2OfcU">https://youtu.be/I_6gde2OfcU</a>  <a href="https://youtu.be/XIMP0cuiZIQ">https://youtu.be/XIMP0cuiZIQ</a></li> <li>• <b>Affective Behavioral Signals Recognition Systems:</b> Developed Affective Behavioral Signals recognizer as a part of an analytics system for call centers. Our study mainly focused on understanding whether the agent is <i>empathic</i> or not while client is <i>angry</i> or <i>frustrated</i>.</li> <li>• <b>Personality Trait Recognition Systems:</b> Developed Personality Trait Recognition Systems in domains such as broad-cast news, human-human conversation and social-media (i.e., facebook, youtube) by utilizing acoustic, linguistic and psycholinguistic information with machine learning algorithms.</li> <li>• <b>Open Source Tools:</b> <a href="https://github.com/firojalam">https://github.com/firojalam</a>, <a href="https://blp.sourceforge.io">https://blp.sourceforge.io</a></li> </ul>	<u>Nov-2011 to</u> <u>Dec-2016</u>
<b>Research Intern</b>	<b>HLT unit, FBK, Italy</b>	<u>Jun-2011 to</u> <u>Aug-2011</u>

- **Designed Named Entity Recognition (NER) System** for broadcast news transcription and general newspaper text.
- Participated in the Evalita-2011 NER evaluation campaign (**ranked as the best system**).

*Research Fellow*      Center for Research on Bangla Language Processing (CRBLP), Department of Computer Science and Engineering, BRAC University, Bangladesh      Sept-2010 to Aug-2012

- Coordinated with CRBLP members to develop unit selection based Bangla TTS system.

*Trainer*      **Access to Information (A2I), Prime Minister Office**      Jun-2010 to Aug-2010

- Trained secretariat professionals about unicode and localization, organized by Ministry of Cabinet held at Ministry of Establishment and BBS, Bangladesh.

*Consultant*      **Bangladesh Computer Council**      2008

- Developed terminology for Bangla language to help translators for Microsoft Localization project (Windows Vista and Microsoft Word).

*Research Programmer*      CRBLP, Department of Computer Science and Engineering, BRAC University, Bangladesh.      Sept-2006 to Jul-2010

- **Designer and one of the developers** of the first Bangla Text to Speech System, which has been **awarded as the Most Innovative Project** in [SOFTTEXPO](#) 2010 by [BASIS](#) (the software industry association of Bangladesh).
- **Contributed to projects:** Pronunciation dictionary, Wordnet, Lexicon, Speech Corpora, etc. Most of these projects were funded by International Development Research Center (IDRC), Canada, under its PAN Localization Network (PanL10n) program.
- **Contributed** to the Microsoft localization (Windows-Vista and Office-2007 interface) project.
- **Selected Research Projects at CRBLP:**
  - **Speech Recognition System for Bangla:** Was involved in the development of a domain dependent ASR prototype for agro based information system using sphinx framework.
  - **Bangla Text to Speech:** Was Leading the Bangla Text to Speech Project. This project aimed to develop Bangla TTS system using open source festival engine developed by CSTR and festvox tool of CMU speech group. First version was publicly released in February 2009, which is now available for download. This project was **awarded as most innovative project** in BASIS softexpo 2010. Was involved in the development of the first audio version for Bangla newspaper “Prothom-alo”. [http://sourceforge.net/projects/blp/files/Katha\\_Bangla\\_TTS/](http://sourceforge.net/projects/blp/files/Katha_Bangla_TTS/)
  - **Speech Corpus:** Developed a speech corpus for TTS, which may also be applicable in ASR. Text was collected from various domains such as news, story, law and history. [http://sourceforge.net/projects/blp/files/Speech\\_Corpora/](http://sourceforge.net/projects/blp/files/Speech_Corpora/)
  - **CRBLP Converter:** CRBLPConverter is a software package to convert various TTF encoded Bangla documents to Unicode encoding. Reengineered different ASCII fonts to design the main engine.
  - **Corpus Analysis & Corpus Collection:** Developed a tool for extensive corpus analysis on word frequency distribution. Uses of this tool include the analysis of the corpus for regularities and anomalies of Bangla words.
  - **Localized URL:** Designed and developed local URL data such as designing [domain name](#), [character set](#), [gTLD](#) and [ccTLD](#) for Bangla Language.
  - **Terminology system:** Involved in the development of a tool to search and modify existing terminology, add new terminology.

## **TECHNICAL SKILLS**

- **ML/NLP/Speech toolkits:** Pytorch/Keras, sklearn, NLTK, openSMILE, Sphinx, Festival.
- **Programming:** [Fluent](#) in Python and Java; [Prior experience](#) in Perl, Matlab, PHP, JavaScript.

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## TALKS/TUTORIAL

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- **Tutorial:** LLMs for Low Resource Languages in Multilingual, Multimodal and Dialectal Settings, EACL 2024.
- **Talk:** “Disinformation, Fact-Checking, Propaganda, Media Bias and Framing”, JSALT Summer School (Johns Hopkins University, USA, 29 July 2022
- **Tutorial:** “Fact-Checking, Fake News, Propaganda, and Media Bias”, WWW, 2022.
- **Tutorial:** “Fact-Checking, Fake News, Propaganda, Media Bias, and the COVID-19 Infodemic”, WSDM, 2022.
- **Talk:** “Stepping into NLP research: Participating in international shared task”, Daffodil International University, Bangladesh. March 27, 2022
- **Keynote talk:** “Speech Synthesis: Historical Perspective -- Current Status of Bangla Speech Synthesis”, International Conference on Bangla Speech and Language Processing, Bangladesh, 2018.
- **Keynote talk:** “CrisisMMD: Multimodal Twitter Datasets from Natural Disasters”, 3rd International Workshop on Event Analytics using Social Media Data, ICWSM, 2018
- **Talk:** Computational Models for Analyzing Affective Behavior and Personality from Speech and Text, Université Paris Diderot, France, 2017
- **Talk:** “Comparative Study of Speaker Personality Traits Recognition in Conversational and Broadcast News Speech”, Skil-Lab, Trento, Italy, July 2013.
- **Talk:** “Personality Traits Recognition from Speech”, Skil-Lab, April 2013.
- **Talk:** “A Brief Overview of Random Forests”, SIS-Lab, June 2012.
- **Talk:** “Named Entity Recognition on Broadcast news transcription”, SIS-Lab, Nov 2011.
- **Training:** “Unicode and Localization”, Access to Information (A2I) of Prime Minister Office, Ministry of Cabinet held at Ministry of Establishment and BBS, Bangladesh. 2010.
- **Talk:** “Language Resource Technologies Available in Bangla”, ADD4, NECTEC Academy, 539/2 Mahanakorn Gypsum Building 21F, Bangkok, Thailand, Feb 27, 2009.
- **Talk:** “Text to Speech for Bangla”, Computational Linguistics in Bangla Language: Current Situation and Future Prospects, Linguistic Society of Bangladesh, Dhaka University, Sept 14, 2008.
- **Talk:** “Acoustics Analysis of Bangla Phoneme Inventory”, ADD3, Pathumthani, Thailand, 2008.

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## PROFESSIONAL ACTIVITIES

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### Senior Program Committee Member

- EMNLP 2023 (Area Chair)
- ACL-IJCNLP 2023 (Area Chair)
- ACM Web Science 2023 (WebSci23): Meta Reviewer
- AAAI 2023: Meta Reviewer
- ICWSM 2022: Meta Reviewer
- ACL 2022: ARR Action Editor

### Conference Reviewer

- ACL, NAACL, EACL, EMNLP and COLING since 2018
- ACL Rolling Review since 2022
- AAAI Conference since 2019
- Interspeech and ICASSP since 2014
- Information Systems for Crisis Response And Management since 2019
- Recent advances in natural language processing (RANLP 2021)
- Conference on Computational Natural Language Learning (CoNLL 2018, 2021)
- International ACM SIGIR Conference on Research and Development in Information Retrieval (2021)
- International World Wide Web Conference (2020)

### Journal Reviewer

- Computer Speech and Language (CSL), since 2019
- Journal of Natural Language Engineering (JNLE) (2022)
- International Journal of Human-Computer Interaction (2022)

- Information Processing and Management (2019, 2021)
- Neurocomputing (2021)
- IEEE Transactions on Computational Social Systems, since 2020
- Transactions on Asian and Low-Resource Language Information Processing (TALLIP) (2020)
- IEEE Access (2020)

### Shared Task Organizer

- ArAIEval shared task on propaganda and disinformation detection at ArabicNLP 2024, (with ACL 2024) (<https://araieval.gitlab.io/>)
- Semeval Task 4 “Multilingual Detection of Persuasion Techniques in Memes”, 2024
- ArAIEval shared task on propaganda and disinformation detection at ArabicNLP 2023, (with EMNLP 2023) (<https://araieval.gitlab.io/>)
- CheckThat! Lab (<http://checkthat.gitlab.io/>) (at CLEF since 2020)
- Propaganda Detection in Arabic (at WANLP, EMNLP, 2022)
- SemEval-2021 Task 6: Detection of Persuasion Techniques in Texts and Images (at ACL 2021)
- NLP for Internet Freedom: Censorship, Disinformation, and Propaganda (2021) (at NAACL 2021)

### Workshop Organizer

- First Workshop on Bangla Language Processing (at EMNLP 2023) (<https://blp-workshop.github.io/>)

## PROFESSIONAL AFFILIATIONS

- Senior Member of IEEE (Member since 2014)
- Member of ISCA (International Speech Communication Association) (Member since 2013)
- Member of AAAI (Association for the Advancement of Artificial Intelligence) (2014)
- Member of ACM (since 2018)
- Member of ACL (since 2018)
- Member of AAAC (2019)

## AWARDS/HONORS

- Full scholarship for PhD, University of Trento, Trento, Italy.
- Full scholarship for MSc, University of Trento, Trento, Italy.
- Grant from ISCA to attend SLTU2010 conference, 2010.
- Grant from ADD to attend ADD4 summer school, 2009.
- Grant from PAN localization to attend CLT'09 conference, 2009.
- Grant from ADD to attend ADD3 summer school, 2008.
- Full scholarship for the Summer School organized by PAN localization, 2006.

## PROFESSIONAL DEVELOPMENT (SUMMER SCHOOLS/WORKSHOPS/CONFERENCES)

- Attended online in ACL, 2023
- Attended in SLT workshop, 2023
- Attended in NAACL, ICML, IJCAI, COLING and EMNLP (online) conferences, 2022
- Attended in ICWSM, and ACL conferences, 2018
- Attended in ISCRAM conference, 2017
- Attended in ICASSP conference, 2014
- Attended in ICWSM conference, 2013
- Attended in Interspeech conference 2013
- Attended Sixth **Machine Translation Marathon**, Trento, Italy, September 5<sup>th</sup>-10<sup>th</sup>, 2011.
- Attended in **Blizzard Challenge 2011 workshop**, Turin, Italy, September 2<sup>nd</sup>, 2011.
- Participated in **International Workshop on Spoken Language Prosody (IWSLP-09)** organized by Centre for Development of Advanced Computing (C-DAC), Kolkata, India, November 25 – 27, 2009.

- Participated in 4th summer school of ADD (**Asian Applied Natural Language Processing for Linguistics Diversity and Language Resource Development**) organized by NECTEC Academy, 539/2 Mahanakorn Gypsum Building 21F, February 23 – 27, 2009.
- Participated in **summer school on Natural Language Processing (NLP) and Text Mining**, IIT Kharagpur, India, June 24 - June 30, 2008.
- Participated in 3rd summer school of ADD (**Asian Applied Natural Language Processing for Linguistics Diversity and Language Resource Development**) organized by TCL in Sirindhorn International Institute of Technology (SIIT), Pathumthani, Thailand, February 25 - March 2, 2008.
- Participated in [Summer School in Asian Language Processing](#), PAN Localization Project, Lahore, Pakistan. June to Aug-2006. Completed five graduate courses on NLP such as Phonetics & Phonology, Syntax & Morphology, Script Processing, Computational Linguistics and Speech Processing, Summer 2006.

## PUBLICATIONS

### Book Chapters

1. **Firoj Alam**, Kashif Ahmed, Md. Arid Hasan, Ferda Ofli, and Muhammad Imran, **Role of Social Media Imagery in Disaster Informatics**, A. Singh (ed.), International Handbook of Disaster Research, Springer Nature Singapore Pte Ltd. 2023, [https://doi.org/10.1007/978-981-16-8800-3\\_170-1](https://doi.org/10.1007/978-981-16-8800-3_170-1)
2. Ferda Ofli, Muhammad Imran, **Firoj Alam**, **Using Artificial Intelligence and Social Media for Disaster Response and Management: An Overview**, In: Kumar T.V.V., Sud K. (eds) AI and Robotics in Disaster Studies. Disaster Research and Management Series on the Global South. Palgrave Macmillan, Singapore, 2020. [https://doi.org/10.1007/978-981-15-4291-6\\_5](https://doi.org/10.1007/978-981-15-4291-6_5)
3. Muhammad Imran, **Firoj Alam**, Ferda Ofli, Michael Aupetit, **Enabling Rapid Disaster Response Using Artificial Intelligence and Social Media**, Book: Mitigating the Impact of Extreme Natural Events in Developing Countries, Daya Publishing House, Edited by: R.J. Durrheim and B.G.N. Sewwandi, Daya Publishing House, ISBN: 9789388982160, 2019
4. **Firoj Alam**, Morena Danieli, Giuseppe Riccardi, **Automatic Labeling Affective Scenes in Spoken Conversations**, Cognitive Infocommunications and Computing, Springer, pp 109-130, 2018, [https://www.doi.org/10.1007/978-3-319-95996-2\\_6](https://www.doi.org/10.1007/978-3-319-95996-2_6).
5. **Firoj Alam**, Bernardo Magnini, and Roberto Zanolli, **Comparing Named Entity Recognition on Transcriptions and Written Texts**, Harmonization and Development of Resources and Tools for Italian Natural Language Processing within the PARLI Project, Vol. 589, Basili, R., Bosco, C., Delmonte, R., Moschitti, A., Simi, M. (Eds.) 2015, Springer, [https://doi.org/10.1007/978-3-319-14206-7\\_4](https://doi.org/10.1007/978-3-319-14206-7_4).
6. **Firoj Alam**, Roberto Zanolli, **A Combination of Classifiers for Named Entity Recognition on Transcription**, Evaluation of Natural Language and Speech Tools for Italian: B. Magnini et al. (Eds.), LNCS 7689, 2013, pp. 107–115, Springer Berlin Heidelberg, [https://doi.org/10.1007/978-3-642-35828-9\\_12](https://doi.org/10.1007/978-3-642-35828-9_12).

### Journal Publications

1. Mubarak, Hamdy, Samir Abdaljalil, Azza Nassar, and **Firoj Alam**. 2023. **Detecting and Identifying the Reasons for Deleted Tweets Before They are Posted**, Frontiers in Artificial Intelligence. <https://doi.org/10.3389/frai.2023.1219767> (IF. 4.0).
2. **Firoj Alam**, Tanvirul Alam, Ferda Ofli, and Muhammad Imran, **Robust Training of Social Media Image Classification Models**, IEEE Transactions on Computational Social Systems (TCSS), 2022. <https://ieeexplore.ieee.org/document/9999229> (IF. 4.747)
3. Izzat Alsmadi, Kashif Ahmad, Mahmoud Nazzal, **Firoj Alam**, Ala Al-Fuqaha, Abdallah Khreishah, and Abdulelah Algozaibi, **Adversarial NLP for Social Network Applications: Attacks, Defenses, and Research Directions**, IEEE Transactions on Computational Social Systems (TCSS), 2022, doi: 10.1109/TCSS.2022.3218743 (IF. 4.747)
4. **Firoj Alam**, Tanvirul Alam, Md. Arid Hasan, Abul Hasnat, Muhammad Imran, Ferda Ofli, **MEDIC: A Multi-Task Learning Dataset for Disaster Image Classification**, Neural Computing and Applications journal, 2022, <https://link.springer.com/article/10.1007/s00521-022-07717-0> (IF. 5.130)

5. Ahmad, Kashif, **Firoj Alam**, Junaid Qadir, Basheer Qolomany, Imran Khan, Talhat Khan, Muhammad Suleman et al. **Global User-Level Perception of COVID-19 Contact Tracing Applications: Data-Driven Approach Using Natural Language Processing**, JMIR Formative Research, no. 5 (2022): e36238.
6. **Firoj Alam**, Arid Hasan, Tanvirul Alam, Akib Khan, Janntatul Tajrin, Naira Khan, Shammur Absar Chowdhury, **A Review of Bangla Natural Language Processing Tasks and the Utility of Transformer Models**, ACM Transactions on Asian and Low-Resource Language Information Processing (TALLIP) (Submitted), 2021. <https://arxiv.org/abs/2107.03844> (IF: 1.413)
7. **Firoj Alam**, Ferda Ofli, Muhammad Imran, **Descriptive and Visual Summaries of Disaster Events: Case Studies of Hurricanes Harvey, Irma, and Maria**, Journal of Behaviour & Information Technology, 2019.
8. **Firoj Alam**, Ferda Ofli, Muhammad Imran, **Processing Social Media Images by Combining Human and Machine Computing During Crises**, International Journal of Human-Computer Interaction (IJHCI), 2018, pp 1-17, <https://doi.org/10.1080/10447318.2018.1427831>. (IF: 4.920)
9. **Firoj Alam**, Morena Danieli, Giuseppe Riccardi, **Annotating and Modeling Empathy in Spoken Conversations**, Computer Speech & Language, Volume 50, 2018, pp 40-61, ISSN 0885-2308, <https://doi.org/10.1016/j.csl.2017.12.003>. (IF: 1.899)
10. **Firoj Alam**, Anna Corazza, Alberto Lavelli and Roberto Zanolì, **A Knowledge-Poor Approach to Chemical-Disease Relation Extraction**, The Journal of Biological Databases and Curation, 2016, <https://doi.org/10.1093/database/baw071>. (IF: 4.159)
11. Fabio Celli, Arindam Ghosh, **Firoj Alam**, Giuseppe Riccardi, **In the Mood for Sharing Contents: Emotions, Personality and Interaction Styles in the Diffusion of News**, Information Processing & Management, Volume 52, Issue 1, 2016, Pages 93-98, ISSN 0306-4573, <https://doi.org/10.1016/j.ipm.2015.08.002>. (IF: 6.222)

#### Conference/Workshop Publications

1. Dimitar Dimitrov, **Firoj Alam**, Maram Hasanain, Abul Hasnat, Fabrizio Silvestri, Preslav Nakov, and Giovanni Da San Martino. **Semeval-2024 task 4: Multilingual detection of persuasion techniques in memes**. In Proceedings of the 18th International Workshop on Semantic Evaluation, SemEval. 2024.
2. Maram Hasanain, Md. Arid Hasan, Fatema Ahmed, Reem Suwaileh, Md. Rafiul Biswas, Wajdi Zaghrouani, and **Firoj Alam**. **ArAIEval Shared Task: Propagandistic Techniques Detection in Unimodal and Multimodal Arabic Content**, In Proceedings of the Second Arabic Natural Language Processing Conference (ArabicNLP 2024), August 2024, Bangkok. Association for Computational Linguistics.
3. Maram Hasanain, Fatema Ahmed, **Firoj Alam**. **Can GPT-4 Identify Propaganda? Annotation and Detection of Propaganda Spans in News Articles**, In Proceedings of the 2024 Joint International Conference On Computational Linguistics, Language Resources And Evaluation (LREC-COLING 2024), 2024.
4. Md Arid Hasan, Shudipta Das, Afiyat Anjum, **Firoj Alam**, Anika Anjum, Avijit Sarker, and Sheak Rashed Haider Noori. **Zero-and few-shot prompting with LLMs: A comparative study with fine-tuned models for bangla sentiment analysis**. In Proceedings of the 2024 Joint International Conference On Computational Linguistics, Language Resources And Evaluation (LREC-COLING 2024), 2024.
5. Alberto Barrón-Cedeño, **Firoj Alam**, Tanmoy Chakraborty, Tamer Elsayed, Preslav Nakov, Piotr Przybyła, Julia Maria Struß et al. **The CLEF-2024 CheckThat! Lab: Check-Worthiness, Subjectivity, Persuasion, Roles, Authorities, and Adversarial Robustness**. In European Conference on Information Retrieval, pp. 449-458. Cham: Springer Nature Switzerland, 2024.
6. **Firoj Alam**, Shammur Absar Chowdhury, Sabri Boughorbel, and Maram Hasanain. **LLMs for Low Resource Languages in Multilingual, Multimodal and Dialectal Settings**. In The 18th Conference of the European Chapter of the Association for Computational Linguistics, p. 27. 2024.
7. Maram Hasanain, Fatema Ahmed, **Firoj Alam**. **Large Language Models for Propaganda Span Annotation**, arXiv preprint arXiv:2311.09812 (2023).
8. Ahmed Abdelali, Hamdy Mubarak, Shammur Absar Chowdhury, Maram Hasanain, Basel Mousi, Sabri Boughorbel, Yassine El Kheir, Daniel Izham, Fahim Dalvi, Majd Hawasly, Yousseif Elshahawy, Ahmed Ali, Nadir Durrani, Natasa Milic-Frayling, and **Firoj Alam**. 2023. **LAraBench: Benchmarking Arabic AI with Large Language Models**, EACL, 2024.

9. Dalvi, Fahim, Maram Hasanain, Sabri Boughorbel, Basel Mousi, Samir Abdaljalil, Nizi Nazar, Ahmed Abdelali, Shammur Absar Chowdhury, Hamdy Mubarak, Ahmed Ali, Majd Hawasly, Nadir Durrani, **Firoj Alam**, **LLMeBench: A Flexible Framework for Accelerating LLMs Benchmarking**. EACL demo track, 2024)
10. **Firoj Alam**, Sudipta Kar, Shammur Absar Chowdhury, Farig Sadeque, and Ruhul Amin, **Proceedings of the First Workshop on Bangla Language Processing (BLP-2023)**, In Proceedings of the First Workshop on Bangla Language Processing (BLP-2023). 2023.
11. Maram Hasanain, **Firoj Alam**, Hamdy Mubarak, Samir Abdaljalil, Wajdi Zaghouni, Preslav Nakov, Giovanni Da San Martino, and Abed Freihat, **ArAIEval Shared Task: Persuasion Techniques and Disinformation Detection in Arabic Text**, In Proceedings of ArabicNLP 2023, pp. 483-493. 2023.
12. Md Arid Hasan, **Firoj Alam**, Anika Anjum, Shudipta Das, and Afiyat Anjum, **BLP-2023 Task 2: Sentiment Analysis**, In Proceedings of the First Workshop on Bangla Language Processing (BLP-2023), pp. 354-364. 2023.
13. Nandi, Rabindra Nath, Mehadi Menon, Tareq Muntasir, Sagor Sarker, Quazi Sarwar Muhtaseem, Md Tariqul Islam, Shammur Chowdhury, and **Firoj Alam**, **Pseudo-Labeling for Domain-Agnostic Bangla Automatic Speech Recognition**, In Proceedings of the First Workshop on Bangla Language Processing (BLP-2023), pp. 152-162. 2023.
14. Yunze Xiao, **Firoj Alam**, **Nexus at ArAIEval Shared Task: Fine-Tuning Arabic Language Models for Propaganda and Disinformation Detection**, In Proceedings of ArabicNLP 2023, pp. 576-582. 2023.
15. Barrón-Cedeño, Alberto, **Firoj Alam**, Andrea Galassi, Giovanni Da San Martino, Preslav Nakov, Tamer Elsayed, Dilshod Azizov et al. **Overview of the CLEF-2023 CheckThat! Lab on Checkworthiness, Subjectivity, Political Bias, Factuality, and Authority of News Articles and Their Source**. In International Conference of the Cross-Language Evaluation Forum for European Languages, pp. 251-275. Cham: Springer Nature Switzerland, 2023.
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## **LANGUAGES**

Bangla, English and Italian (Beginner)

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Will be available upon request.

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