

Ms. Iqra Ameer
iqra@nlp.cic.ipn.mx

Research Interests

- Emotion Analysis
- Sentiment Analysis
- Fake News Detection
- Hate Speech Detection
- Text Processing Techniques and Systems
- Authorship Attribution
- Natural Language Processing

Education

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| Jul 2019 – Dec 2019 | Visiting Student , at Hacettepe University, Ankara, (Turkey).
Part of the PhD Degree project: <i>Multi-label Emotion Analysis</i> . |
| Feb 2019 – Present | Ph.D. Computer Science
Centro de Investigación en Computación (CIC),
IPN Mexico D.F, Mexico.
Thesis: <i>Multi-label Emotion Classification on Multi-lingual Text</i>
CGPA: 10.00 / 10.00 |
| Aug 2016 – Jan 2017 | Visiting Student , at RALI Lab University of Montreal, (Canada).
Part of the Master Degree project: <i>Automatic Author Profiling</i> . |
| Aug 2015 – Jun 2017 | Master of Science Computer Science (MSCS)
Centro de Investigación en Computación (CIC),
IPN Mexico D.F, Mexico.
Thesis: <i>Cross Genre Author Profiling using Syntactic N-grams</i>
CGPA: 9.86 / 10.00, (Distinction) |
| Sep 2011 – Jun 2015 | Bachelor of Science Computer Science (BSCS)
University of Lancaster, UK.
Thesis: <i>Identification of Author' Personality Traits using Stylistic Features</i>
Percentage: 74% |

Publications

Peer-Reviewed Journal Articles

- Ameer, A., Naz, F., Taj, B. G., & Ameer, I. (2021). The impact of manager's personality traits on project success through affective professional commitment: the moderating role of organizational project management maturity system. *Journal of Facilities Management*, Impact Factor: 2.19.
- Ameer, I., Ashraf, N., Sidorov, G., & Gómez Adorno, H. (2020). Multi-label Emotion Classification using Content-Based Features in Twitter. *Computación y Sistemas*, 24(3), Impact Factor: 0.782.
- Ameer, I., Sidorov, G., & Nawab, R. M. A. (2018). Author Profiling for Age and Gender Using Combinations of Types of Features. *Journal of Intelligent & Fuzzy Systems (JIFS)*, Impact Factor: 1.426.

Peer-Reviewed Conference Proceedings

- Siddiqui, M. H. F., **Ameer, I.**, Gelbukh, A., & Sidorov, G. (2019). Bots and Gender Profiling on Twitter. *CLEF 2019 Labs and Workshops, Notebook Papers*, September 2019. CEUR-WS.org Lugano, Switzerland.
- **Ameer, I.**, Siddiqui, M. H. F., Sidorov, G., & Gelbukh, A. (2019). Simple Yet Very Efficient Approach to Hate Speech Detection, Aggressive Behavior Detection, and Target Classification in Twitter. *SemEval at NAACL-HLT 2019*, Minneapolis, USA.
- Sittar, A., & **Ameer, I.** (2018). Multi-lingual Author Profiling Using Stylistic Features. In Working Notes for MAPonSMS at *FIRE'18 - Workshop Proceedings of the 10th International Forum for Information Retrieval Evaluation (FIRE'18)*. CEUR-WS.org, CEUR, DAICT, Gujarat, India.
- Pervaz, I., **Ameer, I.**, & Nawab, R. M. A. (2015). Identification of Author Personality Traits using Stylistic Features. *CLEF 2015 Evaluation Labs and Workshop – Working Notes Papers*, 8-11 September, Toulouse, France, September 2015. CEUR-WS.org. ISSN 1613-0073.

Books

- **Ameer, I.**, Kanwal, S., Arshad, H., Awais, M., Adnan Ashraf, M. & Nawab, RMA (2021), "Multi-target Text Classification with Deep Learning" ([External URL](#)).
- **Ameer, I.**, Arshad, H., Awais, M. & Nawab, RMA (2021) "Multi-label Text Classification with Deep Learning" ([External URL](#)).
- Mahmood, A., Jehan, N., **Ameer, I.** & Nawab, RMA (2021), "Multi-label and Multi-target Text Classification with Classical Machine Learning" ([External URL](#)).

Book Chapters

- **Ameer, I.**, & Sidorov, G. Author Profiling Using Texts in Social Networks. In Handbook of Research on Natural Language Processing and Smart Service Systems (pp. 245-265). IGI Global.

Manuscripts under Review

- **Ameer, I.**, Capetillo, C. P, Gómez Adorno, H., & Sidorov, G. (2021). Automatic Fake News Detection in Urdu Language using Transformers." In *Forum for Information Retrieval Evaluation*. (**accepted**)
- **Ameer, I.**, Siddiqui, M. H. F., Can, B., Gelbukh, A., & Sidorov, G. (2020). Multi-Label Emotion Classification in Texts Using Transfer Learning, *Expert Systems with Applications*, Impact Factor: 6.954. (**in 2nd revision**)
- **I. Ameer**, G. Sidorov, Gómez Adorno, H & Nawab, R. M. A. (2020). Multi-label Emotion Classification on Code-Mixed Text: Data and Methods, *IEEE Access*. (**in 2nd revision**)

Undergraduate Supervision

Sep 2021 – to date	Toxicity Detection in Speech Department of Computer Science at COMSATS University Islamabad, Lahore Campus. Pakistan
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Project Experiences

Jan 2019 – to date	Multi-label Emotion Classification on Code-Mixed Text: Data and Methods
Jul 2019 – Jun 2020	Multiple-Attentions and Transfer Learning for Emotion Classification in Twitter
Jan 2019 – Jun 2019	Hate Speech Detection, Aggressive Behavior Detection, and Target Classification in Twitter

Jan 2021 – Aug 2021	Automatic Fake News Detection in Urdu Language using Transformers
Jun 2018 – Mar 2019	Bots and Gender Profiling on Twitter
Oct 2015 – Jan 2017	Author Profiling for Age and Gender Using Combinations of Types of Features
Sep 2012 – Mar 2013	Author Attribution Using NLP and ML Techniques

Awards & Achievements

2019	Facebook Second Annual WeCNLP (West Coast NLP) Summit Travel Scholarship
2019	Grant for One Semester Research Stay at Department of Computer Engineering, Hacettepe University, Ankara, Turkey. (July 2019 – Dec 2019)
2019	1 st place Hate Speech Detection Competition for the Spanish Language at SemEval 2019 Task 5, Minneapolis, USA
2019	Conacyt Mexican Government Scholarship for Ph.D. (CS), Mexico
2017	Distinction in MS Computer Science, IPN, Mexico
2016	Grant for One Semester Research Stay at RALI Lab University of Montreal, Canada (Aug 2016 – Jan 2017)
2015	Conacyt Mexican Government Scholarship for MS(CS), Mexico
2015	2 nd Place Final Year Project in BSCS, Lahore, Pakistan
2015	Quiz Competition Participant at COMSATS Abbottabad, Pakistan
2011	2 nd place Badminton Tournament, Gujranwala Pakistan

Seminars and Invited Talks

2019	Oral: Department of Computer Engineering, Hacettepe University, Turkey
2018	Oral: 6th International Symposium on Language & Knowledge, Puebla, Mexico
2017	Oral: Center for Computing Research, IPN, Mexico
2016	Oral: RALI Lab University of Montreal, Canada
2015	Oral: Center for Computing Research, IPN, Mexico

Leadership Experiences

2019 - Date	Vice-President of International Student Association (ISA) at Center for Computing Research, IPN, Mexico
2012 - 2015	Head of Internet Services COMSATS University Islamabad, Lahore Campus, Pakistan

Conference and Task Organization

2020 - 2020	Task "Fake News Detection in the Urdu Language" at CICLing 2020 UrduFake track @ FIRE 2020, 16th-20th December 2020, Hyderabad, India.
2015 - 2015	14 th Mexican International Conference on Artificial Intelligence (MICA), Cuernavaca, Morelos, Mexico

Computer Skills

Programming: Python, C/C++, C#, Assembly Language, Java
Mark-up: XML, XHTML, LaTeX
Shell: Unix/Linux
Data analysis: WEKA, MEKA

References

Professor Grigori Sidorov

PhD, Professor and researcher (Full Professor)
Centro de Investigación en Computación,
Instituto Politécnico Nacional, Mexico
sidorov@cic.ipn.mx

Dr. Rao Muhammad Adeel Nawab
PhD (Assistant Professor)
Department of Computer Science
Comsats University Islamabad, Lahore Campus, Pakistan
adeelnawab@cuilahore.edu.pk