

Iqra Ameer

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Research Interests

- Natural Language Processing
- Emotion Analysis
- Information Retrieval
- Text Processing Techniques and Systems
- Authorship Attribution

Education

Feb 2019 – Present	Ph.D. Computer Science Centro de Investigación en Computación (CIC), IPN Mexico D.F, Mexico. <i>Thesis: Multi-label Emotion Classification on Multi-lingual Text</i> CGPA: 10.00 / 10.00
Aug 2015 – Jun 2017	MS Computer Science (MSCS) Centro de Investigación en Computación (CIC), IPN Mexico D.F, Mexico. <i>Thesis: Cross Genre Author Profiling using Syntactic N-grams</i> CGPA: 9.86 / 10.00, (Distinction)
Sep 2011 – Jun 2015	B.S. Computer Science (BSCS) University of Lancaster, UK. COMSATS University Islamabad, Lahore Campus, Pakistan <i>Thesis: Identification of Author' Personality Traits using Stylistic Features</i> Percentage: 74%

Publications

Peer-Reviewed Journal Articles

- Ashraf, N., **Ameer, I.**, & Aroyehun, S. T. (2020). Hate Speech Detection on YouTube Comments: Dataset and Methods. *Information Processing and Management (IPM)*. (**in process**)
- Siddiqui, M. H. F., **Ameer, I.**, Can, B., Gelbukh, A., & Sidorov, G. (2020). Multiple-Attentions Network for Emotion Classification on Twitter. (**in process**)
- **I. Ameer**, G. Sidorov, Gómez Adorno, H & Nawab, R. M. A. (2020). Multi-lingual and Multi-label Emotion Classification: Dataset and Methods, *Language Resources and Evaluation (LRE)*. (**submitted**)
- **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).

- **Ameer, I.**, N. Ashraf, & Sidorov, G., Gómez Adorno, H. (2020). Multi-label Emotion Classification Emotion using Content-based features on Twitter. *Computación y Sistemas*. (Accepted)
- **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.

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.

Project Experiences

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
Jun 2018 – Mar 2019	Bots and Gender Profiling on Twitter
Jan 2019 – present	Multi-Lingual and Multi-Label Emotion Classification on SMS Messages
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 - Date	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 (MICAI), 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

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Dr. Rao Muhammad Adeel Nawab

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