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| HOSSEIN FANI (he/him) |
| **summary** |
| * Assistant Professor in The School of Computer Science, University of Windsor, ON, Canada. * Ph.D. in Computer Science in Social Network Mining w/ focus on Text & Graph Embedding. * 10+ peer-reviewed publications in premier venues such as IP&M, JASIST, WSDM, CIKM, ECIR. * Research mentorship of 16+ graduate and undergraduate students at [Fani’s Lab*!*](https://github.com/fani-lab). https://github.com/fani-lab |
| **Education** |
| * **Computer Science, Ph.D.,** Diachronically Like-Minded User Community Detection,[*University of New Brunswick*](http://www.cs.unb.ca)*, Canada, 2020.* * **Computer Science, M.Sc.,** Spatial Access Methods in Multikey Index Structures, *Amirkabir University of Technology, Iran, 2009.* * **Computer Science, B.Sc.,** *Amirkabir University of Technology, Iran, 2005.* |
| **work ExpERIEnce** |
| * **Assistant Professor,** University of Windsor, Canada July 2020 – Present * **Postdoctoral Research Fellow,** Ryerson University, Canada Nov. 2019 – June 2020   Team Lead in NSERC Industrial Research Chair on Social Media Analytics  Applied AI and ML on Social and Corporate Data related to Warranty and Protection Plan industry   * **Research Assistant,** University of New Brunswick, Canada May 2014 – Nov. 2019   Semantic Analysis of Online Social Networks (SemioNet)   * **Senior Software Developer & Designer,** Bank Mellat, Iran May 2013 – April 2014 * **Software Developer & Configuration Manager,** System Group, Iran July 2010 – March 2013 |
| **teaching** |
| * **COMP-2560: System Programming** (The Unix Reloaded), UWindsor Fall 2021 * **COMP-8730: Natural Language Processing and Understanding** (nlp4sna), UWindsor Winter 2021 * **COMP-2650: Computer Architecture I: Digital Design** (The Digital Odyssey), UWindsor Fall 2020, Winter 2021 * **COE-848: Fundamentals of Data Engineering** (The Data Odyssey), Ryerson University Winter 2019 |
| **Professional Service** |
| * **Session Chair:** SIGIR21, CIKM20, ICTAI15 * **Program Committee:** KDD21, WSDM22-21, CIKM21-20, EMNLP21-20, ACL20, SIGIR21-20, ECIR21-20-19 * **Journal Reviewing:** TOIS,Expert Syst. Appl., IP&M, IEEE Access, IEEE Trans., Comput. Soc. Sys., AI Review, Info. Sys. |
| **selected publication** |
| * Rad, Mitha, Fani, Kargar, Szlichta, Bagheri; PyTFL: A Python-based Neural Team Formation Toolkit. *CIKM, 2021*. * Fani, Tamannaee, Zarrinkalam, Samouh, Paydar, Bagheri; An Extensible Toolkit of Query Refinement Methods and Gold Standard Dataset Generation. *ECIR, 2021.* * Tamannaee, Fani, Zarrinkalam, Samouh, Paydar, Bagheri; ReQue: A Configurable Workflow and Dataset Collection for Query Refinement. *CIKM, 2020*. * Hamidi Rad, Fani, Kargar, Szlichta, Bagheri; Learning to Form Skill-based Teams of Experts. *CIKM, 2020.* * Fani, Bagheri, Du; Temporal Latent Space Modeling for Community Prediction. *ECIR, 2020.* * Fani, Jiang, Bagheri, Al-Obeidat, Du, Kargar; User Community Detection via Embedding of Social Network Structure and Temporal Content. *IP&M, 2019.* * Arabzadeh, Fani, Zarrinkalam, Navivala, Bagheri; Causal Dependencies for Future Interest Prediction on Twitter. *CIKM, 2018.* * Khodabakhsh, Fani, Zarrinkalam, Bagheri; Predicting Personal Life Events from Streaming Social Content. *CIKM, 2018.* * Fani, M. Bashari, Zarrinkalam, Bagheri, and Al-Obeidat; Stopword Detection for Streaming Content. *ECIR, 2018.* * Fani, Bagheri, Zarrinkalam, Zhao, Du; Finding Diachronic Like-Minded Users. *Computational Intelligence: International Journal, 2018.* * Fani, Bagheri, Du; Temporally Like-minded User Community Identification through Neural Embeddings. *CIKM, 2017.* * Zarrinkalam, Fani, Bagheri, Kahani; Predicting Users’ Future Interests on Twitter. *ECIR, 2017.* * Fani, Temporal Formation and Evolution of Online Communities, *Doctoral Consortium, WSDM, 2016.* * Zarrinkalam, Fani, Bagheri, Kahani; Inferring Implicit Topical Interests on Twitter. *ECIR, 2016.* |
| **patent** |
| * Bagheri, Fani, Zarrinkalam. 2018. System and Method for Temporal Identification of Latent Communities Using Electronic Content. *CA2941604A1, US20180075147, filed in Sept. 2016,* ***Issued in Nov. 2020.*** * Hui, Bagheri, Zarrinkalam, Paydar, Fani, Daws; Method and System for Detecting Presence of a Protective Case on a Portable Electronic Device During Drop Impact. *filed in Nov. 2019.* * Fani, Zarrinkalam, Bagheri, Hui. A System and Method for Protection Plans and Warranty Data Analytics. *filed in June 2019.* |
| **Hobby** |
| **Art:** *Cinema, ~~Charcoal~~ Ballpoint Pen Painting*;**Sport:** *Swimming, Cycling, ~~Soccer~~, ~~Wrestling~~* |

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