

## SUMMARY

- Assistant Professor in The School of Computer Science, University of Windsor, ON, Canada.
- Research supervision of 16+ graduate and undergraduate students at Fani's Lab! <https://github.com/fani-lab>
- 10+ peer-reviewed publications in premier venues such as IP&M, JASIST, WSDM, CIKM, ECIR.
- Ph.D. in Computer Science in Social Network Mining w/ focus on Text & Graph Embedding.

## EDUCATION

- **Computer Science, Ph.D.**, Diachronically Like-Minded User Community Detection, *University of New Brunswick, 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 21-22
- **COMP-8730: Natural Language Processing and Understanding** (nlp4sna), UWindsor Winter 21-22
- **COMP-2650: Computer Architecture I: Digital Design** (The Digital Odyssey), UWindsor Fall 20, Winter 21-22
- **COE-848: Fundamentals of Data Engineering** (The Data Odyssey), Ryerson University Winter 19

## PROFESSIONAL SERVICE

- **Session Chair**: SIGIR21, CIKM20, ICTAI15
- **Program Committee**: KDD, WSDM, CIKM, EMNLP, ACL, SIGIR, ECIR, ICWSM
- **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