HOSSEIN FANI (he/him)

5111 Lambton Tower, Office +1 519 2533000 x2999

118 & 215 Essex Hall, Fani's Lab! +1 519 2533000 x3587

The School of Computer Science, Faculty of Science, University of Windsor

401 Sunset Avenue, Windsor, Ontario, N9B3P4, Canada

hfani@windsor.ca

cs.uwindsor.ca/~hfani → hosseinfani.github.io

github.com/hosseinfani

github.com/fani-lab; fani-lab.github.io



EDUCATION

Nov 2019 – June 2020
May 2014 – May 2020
Sept 2006 – Jan 2009
Sept 2001 – Sept 2005
July 2000

PROFESSIONAL EMPLOYMENT_

6. Assistant Professor, School of Computer Science, Faculty of Science, University of Windsor, Canada, Tenure Track July 2020 – Present Nov 2019 - June 2020 5. Post-Doctoral Research Fellow, Engineering and Architectural Science, Toronto Metropolitan University,

Team Lead in NSERC Industrial Research Chair on Social Media Analytics

4. Research Assistant, Engineering and Architectural Science, Toronto Metropolitan University, Canada, Social Met. May 2014 – Oct 2019

3. Contract Lecturer, Engineering and Architectural Science, Toronto Metropolitan University, Canada. COE848: Fundamentals of Data Engineering

Jan 2019 – May 2019

2. Software Designer, Behsazan Mellat (Bank Mellat), Iran.

Customer Management System, Customer Credit Check, RSA, DB2, Java

May 2013 – April 2014

1. Software Developer & Configuration Manager, System Group, Iran.

Human Resource Management System, Human Capital Management System, SQL Server, ASP.Net, C#

July 2010 - Mar 2013

RESEARCH FUNDING _

8. Graduate Growth Incentive Fund, PI, Faculty of Science, University of Windsor	CAD\$010,000	2022 - 2023
7. CFI-JELF, Computing Infrastructure for Deep Learning on Graph-Structured Data, PI, Competitive		2022 - 2022
Ontario Research Fund (ORF), Pending Decision	CAD\$075,001	
John R. Evans Leaders Fund (JELF) Canada Foundation for Innovation (CFI)	CAD\$075,001	
University of Windsor	CAD\$051,925	
6. RTI, Computing Workstations for Deep Learning on Graph-Structured Data, PI, Competitive Research Tools and Instruments, NSERC	CAD\$032,010	2022 - 2022
5. Alliance-Accelerate, Customer Feedback Analytics from Unsolicited Resources, PI, Competitive		2022 - 2025
NSERC Alliance	CAD\$090,000	
Mitacs Accelerate	CAD\$045,000	
Press'nXPress, Discrete Choice Inc. (https://pxp.ai/)	CAD\$045,000	
4. Undergraduate Research Experience, Learning to Form Time-aware Teams of Experts, PI,	CAD\$002,000	2022 - 2022
Competitive, University of Windsor		
2 Discovery Cranto Dragger Time average Community on hanged Social Information Detrieval DI	CAD\$145,000	2021 2026

3. Discovery Grants Program, Time-aware Community-enhanced Social Information Retrieval, PI, CAD\$145,000 2021 –2026

Competitive, NSERC 2. Discovery Launch Supplement, Time-aware Community-enhanced Social Information Retrieval, PI,

CAD\$012,500 2021 -2022

Competitive, NSERC

1. Startup Research Grant, Tenure Track Assistant Professor, University of Windsor CAD\$065,000 2020 -2025

INTELLECTUAL PROPERTY

6. Bagheri, Fani*, Zarrinkalam*; System and Method for Temporal Identification of Latent Communities Using Electronic Content. 2021 Filed Sept 2016, US10,885,131. Granted.

5. Hui, Daws, Bagheri, Zarrinkalam, Fani, Paydar; A System and Method for Detecting a Protective Product on the Screen of 2020 Electronic Devices. PCT/CA2020/051413, WO2021077219A1, CN114616492A

4. Hui, Daws, Bagheri, Zarrinkalam, Fani, Paydar; Detecting the Presence or Absence of a Protective Case on an Electronic Device. 2020 PCT/CA2020/051401, WO2021072557A1

3. Hui, Bagheri, Zarrinkalam, Paydar, Fani, Daws; Method and System for Detecting Presence of a Protective Case on a Portable 2019 Electronic Device During Drop Impact. PCT/CA2019/051590, WO2020093166A1, CN113302457A, EP3877728A4, US20220005341A1

2. Fani, Zarrinkalam, Bagheri, Hui; A System and Method for Protection Plans and Warranty Data Analytics. PCT/CA2019/050767, 2018 WO2019227238A1, CA3102116A1, CN112534456A, EP3803754A4, US20210217093A1

1. Bagheri, Fani*, Zarrinkalam*; System and Method for Temporal Identification of Latent Communities Using Electronic Content. 2016 CA2941604A1 PUBLICATIONS*: graduate student, †: undergrad student Google h-index: 10 **Doctoral Dissertation** Fani. Diachronically like-minded user community detection. University of New Brunswick, Fredericton, NB., Canada. 2020 **Journal Articles** 06. Rad*, Fani, Bagheri, Kargar, Srivastava, Szlichta. A Variational Neural Architecture for Skill-based Team Formation. Transactions 2022 on Information Systems (TOIS), (Revision Submitted), Impact Factor: 6.06, H-Index: 84 05. Falavarjani*, Jovanovic, Fani, Ghorbani, Noorian, Bagheri. On The Causal Relation Between Real-World Activities and Emotional 2021 Expressions of Social Network Users. Journal of the Association for Information Science and Technology (JASIST) 72(6): 723–743. Wiley, Impact Factor: 2.835, H-Index: 134 04. Fani*, Jiangt, Bagheri, Al-beidat, Du, Kargar. User Community Detection via Embedding of Social Network Structure and 2020 Temporal Content. Information Processing & Management (IP&M)-Elsevier, 57(2): 102056. Impact Factor: 6.222, H-Index: 94 03. Fani*, Bagheri, Zarrinkalam*, Zhao†, Du. Finding Diachronic Like-Minded Users. Computational Intelligence (CI), 34(1): 124-144. 2018 Wiley, Impact Factor: 1.196, H-Index: 49 02. Feng*, Zarrinkalam*, Bagheri, Fani*, Al-Obeidat. Entity linking of Tweets Based on Dominant Entity Candidates. Social Network 2018 Analysis and Mining (SNAM)–Springer, 8(1): 46:1–46:16. Impact Factor: 1.61, H–Index: 29 01. Fani*, Bagheri. Community Detection in Social Networks. Encyclopedia of Semantic Computing and Robotic Intelligence-World Scientific. 2017 *1(1)*: *1630001:1*—*1630001:8*. **Conference Publications** 20. Dashti*, Samet, Fani. Effective Neural Team Formation via Negative Samples. The 31st ACM International Conference on Information 2022 and Knowledge Management (CIKM), Atlanta, Georgia, USA, (3908-3912), CORE Rank: A. 19. Dashti*, Saxena*, Patel†, Fani. OpeNTF: A Benchmark Library for Neural Team Formation. The 31st ACM International Conference 2022 on Information and Knowledge Management (CIKM), Atlanta, Georgia, USA, (3913-3917), CORE Rank: A. 18. Ziaenejad*, Samet, Fani. SEERa: A Framework for Community Prediction. The 31st ACM International Conference on Information and 2022 Knowledge Management (CIKM), Atlanta, Georgia, USA, (4762-4766), CORE Rank: A. 17. Rad*, Mitha†, Fani, Kargar, Szlichta, Bagheri. PyTFL: A Python-based Neural Team Formation Toolkit. The 30th ACM International 2021 Conference on Information and Knowledge Management (CIKM), Queensland, Australia (4716-4720), CORE Rank: A. 16. Fani, Tamannaee*, Zarrinkalam, Samouh†, Paydar, Bagheri. An Extensible Toolkit of Query Refinement Methods and Gold 2021 Standard Dataset Generation. The 43rd European Conference on IR Research (ECIR), Lucca, Italy (498-503). CORE Rank: A. 15. Tamannaee*, Fani, Zarrinkalam, Samouht, Paydar, Bagheri. ReQue: A Configurable Workflow and Dataset Collection for Query 2020 Refinement. The 29th ACM International Conference on Information and Knowledge Management (CIKM), Virtual Event, Ireland, (3165–3172), CORE Rank: A. 14. Rad*, Fani, Kargar, Szlichta, Bagheri. Learning to Form Skill-based Teams of Experts. The 29th ACM International Conference on 2020 Information and Knowledge Management (CIKM), Virtual Event, Ireland (2049–2052), CORE Rank: A. 13. Fani*, Bagheri, Du. Temporal Latent Space Modeling for Community Prediction. The 42nd European Conference on IR Research (ECIR), 2020 Lisbon, Portugal (745–759), CORE Rank: A. 12. Fani*, Mirlohi*, Hosseini*, Herpers. Swim Stroke Analytic: Front Crawl Pulling Pose Classification. The 2018 IEEE International 2018 Conference on Image Processing (ICIP), Athens, Greece, (4068–4072), CORE Rank: B. 11. Khodabakhsh*, Fani*, Zarrinkalam*, Bagheri. Predicting Personal Life Events from Streaming Social Content. The 27th ACM 2018 International Conference on Information and Knowledge Management (CIKM), Turin, Italy (1751–1754), CORE Rank: A. 10. Arabzadeh*, Fani*, Zarrinkalam*, Navivala[†], Bagheri. Causal Dependencies for Future Interest Prediction on Twitter. The 27th ACM 2018 International Conference on Information and Knowledge Management (CIKM), Turin, Italy (1511–1514), CORE Rank: A. 09. Fani*, Bashari*, Zarrinkalam*, Bagheri, Al-Obeidat. Stopword Detection for Streaming Content. The 40th European Conference on IR 2018 Research (ECIR), Grenoble, France (737–743), CORE Rank: A. 08. Fani*, Bagheri, Du. Temporally Like-minded User Community Identification through Neural Embeddings. The 26th ACM on 2017 Conference on Information and Knowledge Management (CIKM), Singapore, Singapore (577–586), CORE Rank: A. 07. Zarrinkalam*, Fani*, Bagheri, Kahani. Predicting Users' Future Interests on Twitter. The 39th European Conference on IR Research 2017 (ECIR), Aberdeen, United Kingdom (464–476), CORE Rank: A. 06. Fani*, Zarrinkalam*, Bagheri, Du. Time-Sensitive Topic-Based Communities on Twitter. The 29th Canadian Conference on Artificial 2016 Intelligence (Canadian AI), Victoria, Canada (192–204.)

 05. Zarrinkalam*, Fani*, Bagheri, Kahani. Inferring Implicit Topical Interests on Twitter. The 38th European Conference on IR Research (ECIR), Padna, Italy (479–491), CORE Rank: A. 04. Fani*. Temporal Formation and Evolution of Online Communities. The 9th ACM International Conference on Web Search and Data 	2016
ı ,	2016
Mining (WSDM), San Francisco, United States (717), CORE Rank: A*.	2016
03. Zarrinkalam*, Fani*, Bagheri, Kahani, Du. Semantics–Enabled User Interest Detection from Twitter. IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology (WI–IAT), Singapore, Singapore (469–476), CORE Rank: B.	2015
02. Feng*, Fani*, Bagheri, Jovanovic. Lexical Semantic Relatedness for Twitter Analytics. The 27th IEEE International Conference on Tools with Artificial Intelligence (ICTAI), Vietri sul Mare, Italy (202–209), CORE Rank: B.	2015
01. Fani*, Bagheri. An Ontology for Describing Security Events. The 27th International Conference on Software Engineering and Knowledge Engineering (SEKE), Pittsburgh, United States (455–460), CORE Rank: B.	2015
Technical Reports	
01. Nguyen, Fani *, Bagheri, Titericz. Bagging Model for Product Title Quality with Noise. The 26th ACM International Conference on Information and Knowledge Management (CIKM AnalytiCup'17.)	2017
Tutorials & Talks	
03. Zarrinkalam, Fani , Bagheri. Tutorial on Extracting, Mining and Predicting Users' Interests from Social Networks. The 42 ^{na} International ACM SIGIR Conference on Research and Development in Information Retrieval, CORE Rank: A*, Paris, France.	2019
02. Zarrinkalam, Fani , Bagheri. Tutorial on Social User Interest Mining: Methods and Applications. The 25th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), CORE Rank: A*, Anchorage, AK, United States.	2019
01. Fani, Swim Stroke Analytic: Front Crawl Pulling Pose Classification. A.I. Socratic Circles (#AISC), https://aisc.ai.science/, Toronto, Canada, https://youtu.be/pxzZalBla6U	2019
Conference Attended	
08. The 43 rd European Conference on Information Retrieval, Bloomberg, Amazon, Lucca, Tuscany, Italy, Online.	2021
07. The 42 nd European Conference on Information Retrieval, Bloomberg, Google, Amazon, eBay, Lisbon, Portugal, Online.	2020
06. The 27th ACM International Conference on Information and Knowledge Management, ACM, SIGIR, Turin, Italy.	2018
05. The 26th ACM International Conference on Information and Knowledge Management, ACM, SIGIR, Singapore.	2017
04. The 29th Canadian Conference on Artificial Intelligence, CAIAC, Victoria, BC.	2016
03. The 9th ACM International Conference on Web Search and Data Mining, Adobe, Google, Microsoft, San Francisco, USA.	2016
02. International Conference on Tools with Artificial Intelligence, Vietri sul Mare, Italy.	2015
01. The 27th International Conference on Software Engineering and Knowledge Engineering, Pittsburgh, USA	2015
SUPERVISIONhttps://fani-lab.gi	hub io
	1140.10_
High Schooler	1140.10_
	- W2023
	– W2023
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate Doctorate	– W2023
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI F2022—	– W2023 May 2024
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI Evaluation of Social Information Retrieval, University of Windsor, PI Evaluation of Social Context for Information Retrieval, University of Windsor, PI Evaluation of Social Context for Information Retrieval, University of Windsor, PI Evaluation of Windsor, PI	– W2023 May 2024 Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI Evaluate Taherikhonakdar, Synergistic Balance of Social Information Retrieval, University of Windsor, PI Lizahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's	– W2023 May 2024 Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023—	- W2023 May 2024 Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – W2023 –	- W2023 May 2024 Present Present Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI Evaluated Social Sentiment Analysis, University of Windsor, PI Forecasting Cryptocurrency Prices via Social Information Retrieval, University of Windsor, PI Forecasting Cryptocurrency Prices via Social Information Retrieval, University of Windsor, PI Forecasting Cryptocurrency Prices via Social Information Retrieval, University of Windsor, PI Evaluated Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI Evaluated Social Context for Windsor, PI Forecasting Scholar Jun 2022 – Information Completion Forecasting Scholar W2021 – Information Scholar W2023 – Information Completion Forecasting Scholar W2023 – W2023 – W2023 – W2023 – W2023 – Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI Forecasting Scholar	- W2023 May 2024 Present Present Present Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post-doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI Every Scroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI Every Scroush Ziaeinejad, User Community Prediction for Social Context for Information Retrieval, University of Windsor, PI Every Scroush Ziaeinejad, User Community Prediction for Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – W2023 – W2023 – W2023 – Hamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI F2022 – The Post of Computation of Social Context for Information Retrieval, University of Windsor, PI F2022 – W2023 – W2023 – W2023 – W2023 – W2023 – W2023 – W2024 – W2025 – W2025 – W2026 – W2027 – W2027 – W2027 – W2028 – W2029	- W2023 May 2024 Present Present Present Present Present Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post-doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI 09. Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI W2023 - W2023 - W2023 - W2023 - W2024 - W2025 - W2025 - W2026 - W2027 - W2027 - W2027 - W2027 - W2027 - W2028 - W2029 -	- W2023 May 2024 Present Present Present Present Present Present Present Fresent Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI F2022 – 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI 08. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI 97. Hamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI 98. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation, University of Windsor, PI 90. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 90. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 90. Reza Barzegar in Team Formation Algorithms, University of Windsor, PI 90. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI	- W2023 May 2024 Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI E S2022 – Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI W2023 – 08. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI F2022 – 07. Hamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI F2022 – 06. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI F2021 – 05. Roonak Moasses, Bias in Team Formation Algorithms, University of Windsor, PI F2021 – 04. Yogeswar Lakshmi Narayanan, Reinforcement Learning for Query Refinement, University of Windsor, PI F2021 –	- W2023 May 2024 Present F2021 Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023— OR. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI F2021— W2023— W2021—	- W2023 May 2024 Present Present Present Present Present Present Present Present Present F2021 Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI 08. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI 07. Hamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI 08. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 09. Reza Barzegar, Interpretable Team Formation Detection, University of Windsor, PI 10. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 10. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 10. Yogeswar Lakshmi Narayanan, Reinforcement Learning for Query Refinement, University of Windsor, PI 10. Arman Dashti, Temporal Neural Team Formation with Negative Sampling, Governor's General Gold Medalist Nominee, University of Windsor, PI	- W2023 May 2024 Present Present Present Present Present Present Present Present F2021 Present Present Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI 90. Reza Barzegar, Interpretable Team Formation Product Reviews, University of Windsor, PI 91. Hamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI 92. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 93. Karan Saxena, Geo-aware Team Formation, University of Windsor, PI 94. Yogeswar Lakshmi Narayanan, Reinforcement Learning for Query Refinement, University of Windsor, PI 95. Roonak Moasses, Bias in Team Formation, University of Windsor, PI 96. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 97. Waezol — Waezol —	- W2023 May 2024 Present Present Present Present Present Present Present Present F2021 Present Present Present Present Present
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – W2023 – W2023 – Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI W2023 – W2023 – W2023 – W2023 – W2024 – W2025 – W2025 – W2026 – W2026 – W2027 – W2027 – W2027 – W2028 – W2028 – W2029 – W2029 – W2029 – W2029 – W2020 – W2021 – W202	- W2023 May 2024 Present Present Present Present Present Present Present Present F2021 Present Present Present F2022 F2022
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waczi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – W2023 – W2023 – W2023 – Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI W2023 – W2023 – W2023 – W2023 – W2023 – W2024 – W2024 – W2025 – W2025 – W2025 – W2026 – W2027 – W2027 – W2027 – W2027 – W2027 – W2028 – W2029 – W2021 – W202	- W2023 May 2024 Present Present Present Present Present Present Present Present F2021 Present Present Present Present W2022 F2022 W2023
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI W2023 – W2023 – Reza Harman Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI F2022 – Thamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI G. Sara Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI W2021 – W2021 – W2021 – W2021 – W2021 – A. Yogeswar Lakshmi Narayanan, Reinforcement Learning for Query Refinement, University of Windsor, PI W2021 – W2021 – W2021 – W2021 – Master's W2022 – W2021 – W202	- W2023 May 2024 Present Present Present Present Present Present Present Present F2021 Present Present Present Present W2022 F2022 W2023 W2023
1. Qinfeng (Alice) Yu, Research Assistant, NeuCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI F2022 – 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation Algorithms, University of Windsor, PI 80. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI 91. Hamed Loghmani, Diversity-aware Team Formation, University of Windsor, PI 92. Consak Moasses, Bias in Team Formation Detection, University of Windsor, PI 93. Karan Salamati Taba, Online Predatory Conversation Detection, University of Windsor, PI 94. Yogeswar Lakshmi Narayanan, Reinforcement Learning for Query Refinement, University of Windsor, PI 95. Roonak Moasses, Bias in Team Formation, University of Windsor, PI 96. Saran Saxena, Geo—aware Team Formation, University of Windsor, PI 97. W2021 – 98. Parinam Hemmati Team Formation Magorithms, University of Windsor, PI 99. Reza Barzegar, Interpretable Team Formation, University of Windsor, PI 90. Reza Barzegar, Interpretable Team Formation, University of Windsor, PI 91. Muhammad Moasse, Bias in Team Formation with Negative Sampling, Governor's General Gold Medalist Nominee, University of Windsor, PI 91. Muhammad Moeed Khalid, Online Predatory Conversation Detection, University of Windsor, Co-PI Undergraduate Research Assistant 6. Ehsan Salimi, Research Assistant, ReQue: A Benchmark Workflow and Dataset Collection for Query Refinement 6. Ehsan Salimi, Research Assistant, ReQue: A Benchmark Workflow and Dataset Collection for Query	- W2023 May 2024 Present Present Present Present Present Present Present Present F2021 Present Present Present W2022 F2022 W2023 W2023 W2023 W2023
1. Qinfeng (Alice) Yu, Research Assistant, NenCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI E222 – 2. Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI 10. Hamed Waezi, Team Completion, University of Windsor, PI Master's 10. Hamed Waezi, Team Completion, University of Windsor, PI W2023 – W2023 – W2023 – W2024 – W2025 – W2025 – W2026 – W2026 – W2027 – W2027 – W2027 – W2028 – W2029 – W2029 – W2029 – W2029 – W2020 – W2020 – W2021 – W2021 – W2021 – W2021 – W2021 – W2021 – W2022 – W2021 –	Present W2021 Present Present Present W2022 W2023 W2023 W2023 W2023 W2023
1. Qinfeng (Alice) Yu, Research Assistant, NenCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziaeinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI 10. Hamed Waezi, Team Completion, University of Windsor, PI 11. Waster's 11. Hamed Waezi, Team Completion, University of Windsor, PI 12. Waster's 12. Waster's 13. Kia Jahanbin, Proceasting Cryptocurrency Prices via Social Sentiment Analysis, University of Windsor, PI 14. Waster's 15. Hamed Waezi, Team Completion, University of Windsor, PI 16. Hamed Waezi, Team Completion, University of Windsor, PI 17. Waster's 18. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI 18. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI 18. Face Pi 18. Face Pi 18. Farinam Hemmati Taba, Online Predatory Conversation Detection, University of Windsor, PI 18. Face Pi 19. Face Pi 10. Face Pi	Present W2021 Present
1. Qinfeng (Alice) Yu, Research Assistant, NenCG: Neural Computational Geometry Post—doctorate & Visiting Scholar 1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar Doctorate 3. Kia Jahanbin, Forecasting Cryptocurrency Prices via Social Sentiment Analysis, University of Yazd, Iran, Co-PI 2. Soroush Ziacinejad, User Community Prediction for Social Information Retrieval, University of Windsor, PI 1. Zahra Taherikhonakdar, Synergistic Balance of Social Context for Information Retrieval, University of Windsor, PI 10. Hamed Waezi, Team Completion, University of Windsor, PI 11. Waster's 11. Hamed Waezi, Team Completion, University of Windsor, PI 12. Waster's 12. Waster's 13. Kia Jahanbin, Proceasting Cryptocurrency Prices via Social Sentiment Analysis, University of Windsor, PI 14. Waster's 15. Hamed Waezi, Team Completion, University of Windsor, PI 16. Hamed Waezi, Team Completion, University of Windsor, PI 17. Waster's 18. Farinam Hemmati Zadeh, Latent Aspect Detection in Product Reviews, University of Windsor, PI 18. Facility of Windsor, PI 19. Arman Dashti, Temporal Neural Team Formation with Negative Sampling, Governor's General Gold Medalist Nominee, University of Windsor, PI 19. Muhammad Moeed Khalid, Online Predatory Conversation Detection, University of Windsor, Co-PI 19. Facility of Windsor, PI 20. Arman Dashti, Temporal Neural Team Formation with Negative Sampling, Governor's General Gold Medalist Nominee, University of Windsor, PI 20. Arman Dashti, Temporal Neural Team Formation with Negative Sampling, Governor's General Gold Medalist Nominee, University of Windsor, PI 20. Arman Pashti, Temporal Neural Teach Formation Detection, University of Windsor, Co-PI 20. Elbara Salimi, Res	Present W2021 Present Present Present W2022 W2023 W2023 W2023 W2023 W2023

5. Charles Corro, Michele Catani, Daljeet Singh, Neural Computational Geometry	W2022	2 – F2022
4. Emily Boice, Bryce Hughson, Mohammad Elias Khan, Personalized Query Refinement	F2021	- W2022
3. Xiancheng Yan, Zixun Wang, Dongli Zhu, Neural Machine Translation for Team Formation	F2021	- W2022
2. Lincoln Dube, Jalal Shabo, Matthew Vojvodin, An Le, Topic Tracking in Online Social Networks	W2021	– F2021
1. Yang Wang, Jinhua Long, Ritu Ge, Juntao Ma, Topic Tracking in Online Social Networks	F2020	– W2021
_Teaching		
11. System Programming (The Unix Reloaded), COMP2560, University of Windsor, Canada	E20	021, F2022
10. Natural Language Processing & Understanding (NLP for SNA), COMP8730, University of Windsor, Canada		21, W2022
09. Computer Architecture I: Digital Design (A Digital Odyssey), COMP2650, University of Windsor, Canada		20, W2021
08. Fundamentals of Data Engineering (2019: A Data Odyssey), COE848, , Toronto Metropolitan University, Canada	1 20.	W2019
07. Design and Analysis of Algorithms, Payame Noor University, Iran		W2014
06. Data Structure, Payame Noor University, Iran	^	01.
05. Logical Circuits (Digital Design), Payame Noor University, Iran		
04. Computer Architecture, Payame Noor University, Iran	_	
03. Operating Systems, Payame Noor University, Iran		
02. Software Engineering (Software Test), Payame Noor University, Iran		W2009
01. Information Store and Retrieval (File Structure), Islamic Azad University, Iran		F2009
· · · · · · · · · · · · · · · · · · ·		
AWARD 9. Student Pitch Prize, University of New Brunswick, Canada, AI—Powered Swim Stroke Analytics, 3rd Place, Growth	CAD\$500	Mar 2019
Category	CAD\$300	Mar 2019
8. Travel Grant, The 26th ACM International Conference on Information and Knowledge (CIKM), Singapore	SGD\$2,000	Nov 2017
	SGD\$2,000	Nov 2017
6. Student Travel Award , Faculty of Computer Science, University of New Brunswick, Canada, <i>The 26th ACM International Conference on Information and Knowledge (CIKM), Singapore</i>	CAD\$500	Nov 2017
5. Student Travel Award, The 29th Canadian Conference on Artificial Intelligence (AI2016), BC, Canada	CAD\$500	June 2016
4. Student Travel Award, Faculty of Computer Science, University of New Brunswick, Canada, The 29th Canadian Conference on Artificial Intelligence (AI2016), BC, Canada	CAD\$800	June 2016
3. Student Travel Grant, The 9th ACM International Conference on Web Search and Data Mining (WSDM'16), US	US\$270	Feb 2016
2. Student Travel Award, Faculty of Computer Science, University of New Brunswick, Canada, The 27th International Conference on Tools with Artificial Intelligence (ICTAI'15), Italy	"	Nov 2015
1. International Differential Fees Award , Faculty of Computer Science, University of New Brunswick, Canada, CAD\$4,212.00 for three years	AD\$12,636	May 2014
Service		
Natural Sciences and Engineering Research Council of Canada (NSERC)		
Natural Sciences and Engineering Research Council of Canada (NSERC)	Nov. 2021	– Present
2. Reviewer for Discovery Grant 1. Reviewer for Idea to Innovation (I2I)		- Present
1. Reviewer for idea to innovation (121)	Oct 2021	- 1 1686111
University of Windsor		
9. MSc Admission Committee, School of Computer Science, University of Windsor		- Present
8. Windsor University Faculty Association (WUFA)		– Present
7. Internal Reader, MSc Thesis Committee, Mrulay Mistry	F2022	2 – Present
6. Internal Reader, MSc Thesis Committee, Priyanka Anilkumar Motwani		2021
5. Chair, MSc Thesis Committee, Shanu Kumar		2023
4. Chair, MSc Thesis Committee, Ann Reba Thomas Alexander		2022
3. Chair, MSc Thesis Committee, Yash Trivedi		2022
2. Chair, MSc Thesis Committee, Steffie Maria Stephen		2021
1. Chair, MSc Thesis Committee, Saiteja Danda		2021
Academic Society		
2. Professional Member, Association for Computing Machinery (ACM)	Sept 2019 -	
1. Student Member, Association for Computing Machinery (ACM)	Sept 2018 –	Aug 2019
Session Chairs		
3. The 44th ACM SIGIR Conference on Research and Development in Information Retrieval, CORE Rank: A*		July 2021
2. The 29th ACM Conference on Information and Knowledge Management (CIKM), Resource Track, CORE Rank: A		Oct 2021
1. IEEE International Conference on Tools with Artificial Intelligence (ICTAI), CORE Rank: B		Nov 2015
		- 3-4
Program Committee Member	•	2022
14. Association for Computational Linguistics (ACL), CORE Rank: A*	20	20 - 2023
13. International Joint Conference on Artificial Intelligence (IJCAI), CORE Rank: A	20	2023
12. European Conference on Information Retrieval (ECIR) Long & Short Paper Track, CORE Rank: A	20	19 – 2023

11. ACM SIGIR Conference on Research and Development in Information Retrieval, Long & Short & Reproducibility Paper	2020 2023
Track, CORE Rank: A*	2020 - 2023
,	2024 2022
10. ACM SIGKDD Conference on Knowledge Discovery and Data Mining, Applied Data Science Track, CORE Rank: A*	2021 - 2023
09. ACM International Conference on Information and Knowledge Management (CIKM), Short & Resource Paper Track, CORE	2020 - 2022
Rank: A	
08. ACM International Conference on Web Search and Data Mining (WSDM), CORE Rank: A*	2021 - 2023
07. Empirical Methods in NLP (EMNLP), Computational Social Science and Social Media, Question Answering, Language	2020 - 2022
Modeling, Machine Learning for NLP, and Interpretability, Interactivity & Analysis of Models for NLP Tracks, CORE Rank: A	
06. Canadian Conference on Artificial Intelligence (Canadian AI)	2021 - 2022
05. The North American Chapter of the Association for Computational Linguistics (NAACL), CORE Rank: A	2021
04. International AAAI Conference on Web and Social Media (ICWSM), CORE Rank: A	2021 - 2022
03. ACM International Conference on Recommender Systems (RecSys)	2022
02. European Chapter of the Association for Computational Linguistics (EACL), CORE Rank: A	2022 - 2023
01. International Learning Analytics & Knowledge Conference (LAK), Full and Short Research Papers Track, CORE Rank: A	2016 - 2018
Review Duties	

- 8. ACM Transactions on Information Systems (TOIS), Impact Factor: 7.1
- 7. Artificial Intelligence Review, Impact Factor: 5.747
- 6. Expert Systems with Applications, Impact Factor: 6.954
- 5. IEEE Access, Impact Factor: 4.098
- 4. IEEE Transactions on Computational Social Systems, Impact Factor: 3.29
- 3. Information Processing & Management (IP&M), Impact Factor: 6.222
- 2. Information Systems, Impact Factor: 2.466
- 1. Personal and Übiquitous Computing, Springer Nature, Impact Factor: 2.0

HOBBY

Art: Cinema, Charcoal Ballpoint Pen Painting Sport: Swimming, Cycling, Soccer, Wrestling