HOSSEIN FANI (he/him)
Office 5111 Lambton Tower, +1 519 2533000 x2999, hfani@uwindsor.ca, https://cs.uwindsor.ca/~hfani
Fani's Lab! 3146 Erie Hall, +1 519 2533000 x3743, https://fani-lab.github.io
School of Computer Science, Faculty of Science, University of Windsor
401 Sunset Avenue, Windsor, Ontario, N9B3P4, Canada

Teaching Projects: https://github.com/hosseinfani
Research Projects: https://github.com/fani-lab

EDUCATION

5. **Post–Doctorate**, Toronto Metropolitan University, Dr. E. Bagheri	Nov 2019 – June 2020
4. **Doctorate**, Computer Science, University of New Brunswick, Supervisors: Dr. W. Du, Dr. E. Bagheri	May 2014 – May 2020
3. **Master**, Computer Science, Amirkabir University of Technology, Supervisor: Dr. M. Mozaffari	Sept 2006 – Jan 2009
2. **Bachelor**, Computer Science, Amirkabir University of Technology, Supervisor: Dr. M. E. Shiri	Sept 2001 – Sept 2005
1. **Diploma**, Mathematics and Physics, Shahid Emami Ale Agha	July 2000

PROFESSIONAL EMPLOYMENT

6. **Assistant Professor**, School of Computer Science, Faculty of Science, University of Windsor, Canada, *Tenure Track*	July 2020 – Present
5. **Postdoctoral Research Fellow**, Engineering and Architectural Science, Toronto Metropolitan Univ., Canada. *Team Lead in NSERC Industrial Research Chair on Social Media Analytics*	Nov 2019 – June 2020
4. **Research Assistant**, Engineering and Architectural Science, Toronto Metropolitan University, Canada.	May 2014 – Oct 2019
3. **Contract Lecturer**, Engineering and Architectural Science, Toronto Metropolitan University, Canada.	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 Capital Management System, SQL Server, ASP.Net, C#, Team Foundation Server*	July 2010 – Mar 2013

RESEARCH FUNDING — CAD$668,427

8. **Graduate Growth Incentive Fund**, PI, Faculty of Science, *University of Windsor*	CAD$020,000	2022 – 2024
7. **CFI-JELF**, Computing Infrastructure for Deep Learning on Graph-Structured Data, PI, Competitive		2023 – 2024
Ontario Research Fund (ORF)	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	CAD$032,010	2022 – 2022
Research Tools and Instruments, NSERC		
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, Competitive, *University of Windsor*	CAD$002,000	2022 – 2022
3. **Discovery Grants Program**, Time-aware Community-enhanced Social Information Retrieval, PI, Competitive, *NSERC*	CAD$145,000	2021 – 2026
2. **Discovery Launch Supplement**, Time-aware Community-enhanced Social Information Retrieval, PI, Competitive, *NSERC*	CAD$012,500	2021 – 2022
1. **Startup Research Grant**, Tenure Track Assistant Professor, *University of Windsor*	CAD$065,000	2020 – 2025

INTELLECTUAL PROPERTY

6. **Fani**, Zarrinkalam, Bagheri, Hui; A System and Method for Protection Plans and Warranty Data Analytics. *Filed in June 2019, US12,067,625,* **Granted on Aug. 20, 2024.**	2024
5. Hui, Daws, Bagheri, Zarrinkalam, **Fani**, Paydar; Detecting the Presence or Absence of a Protective Case on an Electronic Device. *Filed in Oct. 2020, US11,768,522,* **Granted on Sept. 26, 2023.**	2023
4. Bagheri, **Fani***, Zarrinkalam*; System and Method for Temporal Identification of Latent Communities Using Electronic Content. *Filed Sept 2016, US10,885,131,* **Granted on Jan. 5, 2021.**	2021
3. Hui, Daws, Bagheri, Zarrinkalam, **Fani**, Paydar; A System and Method for Detecting a Protective Product on the Screen of Electronic Devices. *PCT/CA2020/051413, WO2021077219A1, CN114616492A*	2020
2. Hui, Bagheri, Zarrinkalam, Paydar, **Fani**, Daws; Method and System for Detecting Presence of a Protective Case on a Portable Electronic Device During Drop Impact. *PCT/CA2019/051590, WO2020093166A1, CN113302457A, EP3877728A4, US20220005341A1*	2019
1. Bagheri, **Fani***, Zarrinkalam*; System and Method for Temporal Identification of Latent Communities Using Electronic Content. *CA2941604A1*	2016

PUBLICATIONS ^*: graduate student, †: undergrad student, +: highshooler Google h-index: 13

Doctoral Dissertation

Fani. Diachronically like-minded user community detection. University of New Brunswick, Fredericton, NB., Canada. | 2020

Journal Articles

08. Saeedi, Hosseini, Wong†, **Fani**; A Survey of Subgraph Optimization for Collaborative Team Formation: Objectives, Techniques, and Critics. *ACM Computing Surveys, Impact Factor: 23.8, H–Index: 213, Revision Submitted.* | 2024

07. Zarrinkalam, Noughabib*, Noorian, **Fani**, Bagheri; Predicting Users' Future Interests on Social Networks: A Reference Framework. *Information Processing and Management* (**IP&M**), *61(5): 103765 – Elsevier. Impact Factor: 6.222, H–Index: 101* | 2024

06. Rad*, **Fani**, Bagheri, Kargar, Srivastava, Szlichta. A Variational Neural Architecture for Skill-based Team Formation. *Transactions on Information Systems* (**TOIS**), *42(1): 1–28. Impact Factor: 6.06, H–Index: 84* | 2023

05. Falavarjani*, Jovanovic, **Fani**, Ghorbani, Noorian, Bagheri. On The Causal Relation Between Real-World Activities and Emotional 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* | 2021

04. **Fani***, Jiang†, Bagheri, Al–beidat, Du, Kargar. User Community Detection via Embedding of Social Network Structure and Temporal Content. *Information Processing & Management* (**IP&M**)*–Elsevier, 57(2): 102056. Impact Factor: 6.222, H–Index: 101* | 2020

03. **Fani***, Bagheri, Zarrinkalam*, Zhao†, Du. Finding Diachronic Like–Minded Users. *Computational Intelligence (CI), 34(1): 124–144. Wiley, Impact Factor: 1.196, H–Index: 49* | 2018

02. Feng*, Zarrinkalam*, Bagheri, **Fani***, Al–Obeidat. Entity linking of Tweets Based on Dominant Entity Candidates. *Social Network Analysis and Mining* (**SNAM**)*–Springer, 8(1): 46:1–46:16. Impact Factor: 1.61, H–Index: 29* | 2018

01. **Fani***, Bagheri. Community Detection in Social Networks. *Encyclopedia of Semantic Computing and Robotic Intelligence–World Scientific. 1(1): 1630001:1—1630001:8.* | 2017

Conference Publications

33. Barzegar*, Kurepa+, **Fani**; Adaptive Loss-based Curricula for Neural Team Recommendation. *In the 18th International Conference on Web Search and Data Mining* (**WSDM**), *Hannover, Germany, CORE Rank: A*.* | 2025

32. Rajaei*, Taheri*, **Fani**; No Query Left Behind: Query Refinement via Backtranslation. *In the 33rd ACM International Conference on Information and Knowledge Management* (**CIKM**), *Boise, Idaho, USA, CORE Rank: A.* | 2024

31. Waezi*, Barzegar*, **Fani**; Osprey : A Reference Framework for Online Grooming Detection via Neural Models and Conversation Features. *In the 33rd ACM International Conference on Information and Knowledge Management* (**CIKM**), *Boise, Idaho, USA, CORE Rank: A.* | 2024

30. Moasses*, Rajaei*, Loghmani*, Saeedi, **Fani**; viva/emme: Mitigating Gender Bias in Neural Team Recommendation via Female-Advocate Loss Regularization. *In the 5th International Workshop on Algorithmic Bias in Search and Recommendation, Co-located with the 47th International ACM SIGIR Conference on Research and Development in Information Retrieval* (**BIAS-SIGIR**), *Washington, USA, CORE Rank: A*.* | 2024

29. Hemmatizadeh*, Wong†, Yu+, **Fani**; LADy : A Benchmark Toolkit for Latent Aspect Detection Enriched with Backtranslation Augmentation. *In the 47th International ACM SIGIR Conference on Research and Development in Information Retrieval* (**SIGIR**), *Washington D.C., USA, CORE Rank: A*.* | 2024

28. Saeedi, Wong†, **Fani**; Collaborative Team Recommendation for Skilled Users: Objectives, Techniques, and New Perspectives. *In the 32nd ACM Conference on User Modeling, Adaptation and Personalization* (**UMAP**), *Cagliari, Italy.* | 2024

27. **Fani**, Barzegar*, Dashti*, Saeedi. A Streaming Approach to Neural Team Formation Training. *In the 46th European Conference on Information Retrieval* (**ECIR**), *Glasgow, Scotland, CORE Rank: A.* | 2024

26. Ahmed, Saeedi, **Fani**; Skill Vector Representation Learning for Collaborative Team Recommendation: A Comparative Study. *In the 25th International Web Information Systems Engineering* (**WISE**), *Doha, Qatar, CORE Rank: B.* | 2024

25. Rajaei, Taheri, **Fani**; Enhancing RAG's Retrieval via Query Backtranslations. *In the 25th International Web Information Systems Engineering* (**WISE**), *Doha, Qatar, CORE Rank: B.* | 2024

24. Narayanan*, **Fani**; RePair My Queries: Personalized Query Reformulation via Conditional Transformers. *In the 25th International Web Information Systems Engineering* (**WISE**), *Doha, Qatar, CORE Rank: B.* | 2024

23. Hemmatizadeh*, Wong†, Yu+, **Fani**. Latent Aspect Detection via Backtranslation Augmentation. *The 32nd ACM International Conference on Information and Knowledge Management* (**CIKM**), *University of Birmingham, UK, (3943–3947), CORE Rank: A.* | 2023

22. Narayanan*, **Fani**. RePair: An Extensible Toolkit to Generate Large-Scale Datasets via Transformers for Query Refinement. *The 32nd ACM International Conference on Information and Knowledge Management* (**CIKM**), *University of Birmingham, UK, (5376–5380), CORE Rank: A.* | 2023

21. Loghmani*, **Fani**; Bootless Application of Greedy Re-ranking Algorithms in Fair Neural Team Formation. *The 4th International Workshop on Algorithmic Bias in Search and Recommendation, Co-located with the 45th European Conference on Information Retrieval (*(**BIAS-ECIR**), *Dublin, Ireland, (108-118), CORE Rank: A.* | 2023

20. Dashti*, Samet, **Fani**. Effective Neural Team Formation via Negative Samples. *The 31st ACM International Conference on Information and Knowledge Management* (**CIKM**), *Atlanta, Georgia, USA, (3908-3912), CORE Rank: A.* | 2022

19. Dashti*, Saxena*, Patel†, **Fani**. OpeNTF: A Benchmark Library for Neural Team Formation. *The 31st ACM International Conference on Information and Knowledge Management* (**CIKM**), *Atlanta, Georgia, USA, (3913-3917), CORE Rank: A.* 2022

18. Ziaenejad*, Samet, **Fani**. SEERa: A Framework for Community Prediction. *The 31st ACM International Conference on Information and Knowledge Management* (**CIKM**), *Atlanta, Georgia, USA, (4762-4766), CORE Rank: A.* 2022

17. Rad*, Mitha†, **Fani**, Kargar, Szlichta, Bagheri. PyTFL: A Python–based Neural Team Formation Toolkit. *The 30th ACM International Conference on Information and Knowledge Management* (**CIKM**), *Queensland, Australia (4716-4720), CORE Rank: A.* 2021

16. **Fani**, Tamannaee*, Zarrinkalam, Samouh†, Paydar, Bagheri. An Extensible Toolkit of Query Refinement Methods and Gold Standard Dataset Generation. *The 43rd European Conference on IR Research* (**ECIR**), *Lucca, Italy (498-503). CORE Rank: A.* 2021

15. Tamannaee*, **Fani**, Zarrinkalam, Samouh†, Paydar, Bagheri. ReQue: A Configurable Workflow and Dataset Collection for Query Refinement. *The 29th ACM International Conference on Information and Knowledge Management* (**CIKM**), *Virtual Event, Ireland, (3165–3172), CORE Rank: A.* 2020

14. Rad*, **Fani**, Kargar, Szlichta, Bagheri. Learning to Form Skill–based Teams of Experts. *The 29th ACM International Conference on Information and Knowledge Management* (**CIKM**), *Virtual Event, Ireland (2049–2052), CORE Rank: A.* 2020

13. **Fani**, Bagheri, Du. Temporal Latent Space Modeling for Community Prediction. *The 42nd European Conference on IR Research* (**ECIR**), *Lisbon, Portugal (745–759), CORE Rank: A.* 2020

12. **Fani**, Mirlohi, Hosseini*, Herpers. Swim Stroke Analytic: Front Crawl Pulling Pose Classification. *The 2018 IEEE International Conference on Image Processing* (**ICIP**), *Athens, Greece, (4068–4072), CORE Rank: B.* 2018

11. Khodabakhsh*, **Fani***, Zarrinkalam*, Bagheri. Predicting Personal Life Events from Streaming Social Content. *The 27th ACM International Conference on Information and Knowledge Management* (**CIKM**), *Turin, Italy (1751–1754), CORE Rank: A.* 2018

10. Arabzadeh*, **Fani***, Zarrinkalam*, Navivala†, Bagheri. Causal Dependencies for Future Interest Prediction on Twitter. *The 27th ACM International Conference on Information and Knowledge Management* (**CIKM**), *Turin, Italy (1511–1514), CORE Rank: A.* 2018

09. **Fani***, Bashari*, Zarrinkalam*, Bagheri, Al–Obeidat. Stopword Detection for Streaming Content. *The 40th European Conference on IR Research* (**ECIR**), *Grenoble, France (737–743), CORE Rank: A.* 2018

08. **Fani***, Bagheri, Du. Temporally Like–minded User Community Identification through Neural Embeddings. *The 26th ACM on Conference on Information and Knowledge Management* (**CIKM**), *Singapore, Singapore (577–586), CORE Rank: A.* 2017

07. Zarrinkalam*, **Fani***, Bagheri, Kahani. Predicting Users' Future Interests on Twitter. *The 39th European Conference on IR Research* (**ECIR**), *Aberdeen, United Kingdom (464–476), CORE Rank: A.* 2017

06. **Fani***, Zarrinkalam*, Bagheri, Du. Time–Sensitive Topic–Based Communities on Twitter. *The 29th Canadian Conference on Artificial Intelligence (Canadian AI), Victoria, Canada (192–204.)* 2016

05. Zarrinkalam*, **Fani***, Bagheri, Kahani. Inferring Implicit Topical Interests on Twitter. *The 38th European Conference on IR Research* (**ECIR**), *Padua, Italy (479–491), CORE Rank: A.* 2016

04. **Fani***. Temporal Formation and Evolution of Online Communities. *The 9th ACM International Conference on Web Search and Data 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
04. Saeedi, Wong†, Fani; Collaborative Team Recommendation for Skilled Users: Objectives, Techniques, and New Perspectives. *In the 32nd ACM Conference on User Modeling, Adaptation and Personalization* (**UMAP**), *Cagliari, Italy.* 2024

03. Zarrinkalam, **Fani**, Bagheri. Tutorial on Extracting, Mining and Predicting Users' Interests from Social Networks. *The 42nd 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
10. The 32nd ACM International Conference on User Modeling, Adaptation and Personalization, (**UMAP**), Cagliari, Italy. 2024
09. The 46th European Conference on Information Retrieval (**ECIR**), Google, Bloomberg, SIGIR, Glasgow, Scotland. 2024

08. The 43rd European Conference on Information Retrieval (**ECIR**), Bloomberg, Amazon, Lucca, Tuscany, Italy, Online.	2021
07. The 42nd European Conference on Information Retrieval (**ECIR**), Bloomberg, Google, Amazon, eBay, Lisbon, Portugal, Online.	2020
06. The 27th ACM International Conference on Information and Knowledge Management (**CIKM**), ACM, SIGIR, Turin, Italy.	2018
05. The 26th ACM International Conference on Information and Knowledge Management (**CIKM**), 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 (**WSDM**), Adobe, Google, Microsoft, San Francisco, USA.	2016
02. International Conference on Tools with Artificial Intelligence (ICTAI), Vietri sul Mare, Italy.	2015
01. The 27th International Conference on Software Engineering and Knowledge Engineering (SEKE), Pittsburgh, USA	2015

_**SUPERVISION**_____**https://fani-lab.github.io**_

Youth Outreach

7. Pouya Samiee, Assumption College Catholic High School, Grade 11, *LADy: Benchmark Dataset for Latent Aspect Detection*	S2024
6. Qinfeng (Alice) Yu, Vincent Massey Secondary School, Grade 11, Research Assistant, *NeuCG: Neural Computational Geometry*	S2022 – S2023
5. Marco Kurepa, Vincent Massey Secondary School, Grade 12, *OpeNTF: Neural Team Formation*	S2023
4. Savio Joseph Benher, Vincent Massey Secondary School, Grade 12, *RePair: Benchmark Datasets for Query Refinement*	S2023
3. Isaac Jiang, Vincent Massey Secondary School, Grade 12, *ReQue: Refining Queries*	S2023
2. Sara Gebara, Assumption College Catholic High School, Grade 11, *ReQue: Refining Queries*	S2023
1. Sehar Sidhu, Bellewood Public School, Grade 7, **Silver Medalist**, **Youth Science Canada**, *Chat-GPT Is Everywhere: Is This AI Chatbot a Friend or a Foe?*	S2023

Post–doctorate & Visiting Scholar

1. Mahdis Saeedi, Assistant Professor in Mathematics, Ershad Damavand, Iran, Visiting Scholar, Research Associate	Jun 2022 – May 2025

Doctorate

3. Kia Jahanbin, *Forecasting Cryptocurrency Prices via Social Sentiment Analysis,* University of Yazd, Iran, Co-PI	F2022 – Present
2. Zahra Taherikhonakdar, *Synergistic Balance of Social Context for Information Retrieval*, University of Windsor, PI	F2021 – Present
1. Soroush Ziaeinejad, SEERa: *User Community Prediction for Social Information Retrieval*, University of Windsor, PI	F2021 – W2024

Master's

15. Nirvana Niroomand, *In-Process Bias Mitigation in Machine Learning*, University of Windsor, PI	W2024 – Future
14. Sepide Ahmadian, *Query Refinement*, University of Windsor, PI	F2024 – Present
13. Kap Thang, *Graph Neural Team Formation,* University of Windsor, PI	S2024 – Present
12. Md Jamil Ahmed, *End-2-End Graph Neural Network for Team Formation,* University of Windsor, PI	F2023 – Present
11. Delaram Rajaei, *No Query Left Behind: Query Refinement via Language Backtranslation,* University of Windsor, PI	S2023 – S2024
09. Hamed Waezi, *Osprey: Online Predatory Conversation Detection,* University of Windsor, PI	W2023 – S2024
08. Reza Barzegar, *Dynamic Loss-Based Curriculum Learning on Neural Team Formation,* University of Windsor, PI	W2023 – Present
07. Farinam Hemmatizadeh, *LADy: Latent Aspect Detection via Backtranslation Augmentation,* University of Windsor, PI	F2022 – W2023
06. Hamed Loghmani, *Adila: Fairness-informed Collaborative Team Formation,* University of Windsor, PI	F2022 – F2023
05. Roonak Moasses, viva/emme: *Mitigating Gender Bias in Neural Team Recommendation via Female-Advocate Loss Regularization*, University of Windsor, PI	F2021 – S2024
04. Karan Saxena, *Spatial Team Formation Using Graph Neural Networks*, University of Windsor, PI	W2021 – F2023
03. Yogeswar Lakshmi Narayanan, *Matched Made in Heaven or Somewhere: Personalized Query Refinement Gold Standard Dataset Generation using Transformers*, University of Windsor, PI	F2021 – S2023
02. Arman Dashti, *OpeNTF: Temporal Neural Team Formation with Negative Sampling*, **Governor' General Gold Medal Nominee**, University of Windsor, PI	W2021 – F2022
01. Muhammad Moeed Khalid, *Online Predatory Conversation Detection*, University of Windsor, Co-PI	F2020 – F2022

Research Assistant

11. Parmida Khashayar, BSc, *LADy: Benchmark Dataset for Latent Aspect Detection in Product Reviews*	S2024 – Present
10. Christine Wong, BSc, **Outstanding Scholar***, SEERa: A Framework for Community Prediction + LADy: Latent Aspect Detection in Product Reviews*	F2022 – Present
09. Gabriel Rueda, BSc, **Outstanding Scholar***, OpeNTF + Adila: Fairness-informed Neural Team Formation*	S2022 – W2024
08. Mukesh Reddy Somireddy, BSc, *RePair: Benchmark Datasets for Query Refinement*	W2023 – W2024
07. Edwin Paul, BSc, *Adila: Fairness-informed Neural Team Formation*	S2023 – W2024
06. Arfaa Rashid, BSc, **Outstanding Scholar***, LADy: Latent Aspect Detection in Product Reviews*	S2022 – F2023
05. Mohamad Hashemi, MSc, *NeuCG: Neural Computational Geometry*	F2022 – W2023
04. Ehsan Salimi, BSc, *Online Predatory Conversation Detection*	F2022 – W2023
03. Sharjeel Mustafa, BSc, **Outstanding Scholar***, SEERa: A Framework for Community Prediction*	F2022 – W2023
02. Sara Salamati Taba, Master of Applied Computing, *Online Predatory Conversation Detection*	F2021 – F2021
01. Dhwani Nileshkumar Patel, BSc, *Neural Team Formation*	S2021 – W2022

Bachelor's Honors

8. Richard Kenny, *Team Formation as Bundle Recommendation*	W2024 – S2024
7. Justin Bornais, Nick Boisclair, Matthew Connell, *Accessible AI Assistant*	F2023 – W2024
6. Brandon Klassen, *Personalized Query Refinement*	S2022 – F2022
5. Charles Corro, Michele Catani, Daljeet Singh, *Neural Computational Geometry*	W2022 – 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

13. Topics in AI: Graph Neural Network, COMP8720, University of Windsor, Canada	F24
12. System Programming (The Unix Reloaded), COMP2560, University of Windsor, Canada	F21, F22, F23, F24
11. Natural Language Processing & Understanding (NLP for SNA), COMP8730, University of Windsor, Canada	W21, W23, W24, W25
10. Computer Architecture I: Digital Design (A Digital Odyssey), COMP2650, University of Windsor, Canada	F20, W21, F23, F24
09. Database Management Systems (2022: A Data Odyssey), COMP3150, University of Windsor, Canada	F2023
08. Fundamentals of Data Engineering (2019: A Data Odyssey), COE848, Toronto Metropolitan University, Canada	W2019
07. Design and Analysis of Algorithms, Payame Noor University, Iran	W2014
06. Data Structure, Payame Noor University, Iran	
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

Student Award

31. **Travel Award**, Christine Wong (BSc), Faculty of Science ($500), University of Windsor.	CAD$0,500	June 2024
30. **UMAP24 Registration Support**, Christine Wong (BSc), The 32nd ACM Conference on User Modeling, Adaptation and Personalization, (UMAP), Cagliari, Italy.	€0,430	July 2024
29. **SIGIR24 Travel Grant**, Christine Wong (BSc), The 47th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), Washington D.C., USA.	US$1,400	April 2024
28. **TA Excellence Award**, Christine Wong (BSc), Faculty of Science, University of Windsor.	CAD$0,500	Mar. 2024
27. **Entrance Scholarship,** Md Jamil Ahmed (MSc), Faculty of Graduate Studies, University of Windsor.	CAD$7,500	Dec. 2023
26. **Entrance Scholarship,** Md Jamil Ahmed (MSc), School of Computer Science, University of Windsor.	CAD$4,000	Dec. 2023
25. **Travel Award**, Yogeswar Lakshmi (MSc), School of Computer Science ($750) + Faculty of Science ($500) + Faculty of Graduate Studies ($750), University of Windsor.	CAD$2,000	Oct. 2023
24. **Travel Award**, Farinam Hemmatizadeh (MSc), School of Computer Science ($750) + Faculty of Science ($500) + Faculty of Graduate Studies ($750), University of Windsor.	CAD$2,000	Oct. 2023
23. **Travel Award**, Hamed Loghmani (MSc), School of Computer Science ($750) + Faculty of Science ($500) + Faculty of Graduate Studies ($750), University of Windsor.	CAD$2,000	July 2023
22. **Excellence Award – Silver**, Sehar Sidhu (High Schooler), Youth Science Canada.		May 2023
21. **Entrance Scholarship,** School of Computer Science, Delaram Rajaei (MSc), University of Windsor.	CAD$4,000	May 2023
20. **Entrance Scholarship,** Faculty of Graduate Studies, Delaram Rajaei (MSc), University of Windsor.	CAD$7,500	May 2023
19. **Silver Medalist, UWill Discover**, Christine Wong (BSc), Farinam Hemmatizadeh (MSc), University of Windsor.	CAD$0,300	May 2023
18. **Vector Institute Scholarship,** Hamed Waezi (MSc), University of Windsor.	CAD$17,500	Jan. 2023
17. **Entrance Scholarship,** Reza Barzegar (MSc), University of Windsor.	CAD$4,000	Jan. 2023
16. **2nd Place, IDeA Competition**, Farinam Hemmatizadeh (MSc), University of Windsor.	CAD$0,250	Jan. 2023
15. **GA Educational Practice**, Ala Alam Falaki (PhD), Centre for Teaching and Learning (CTL), University of Windsor.		Mar. 2023
14. **GA Excellence Award**, Ala Alam Falaki (PhD), Faculty of Science, University of Windsor.	CAD$0,500	Mar. 2023
13. **Entrance Scholarship,** Hamed Loghmani (MSc), School of Computer Science, University of Windsor.	CAD$4,000	Sept. 2022
12. **Entrance Scholarship,** Farinam Hemmatizadeh (MSc), School of Computer Science, University of Windsor.	CAD$4,000	Sept. 2022
11. **Entrance Scholarship,** Farinam Hemmatizadeh (MSc), Faculty of Graduate Studies, University of Windsor.	CAD$7,500	Sept. 2022
10. **Travel Award**, Soroush Ziaeinejad (PhD), School of Computer Science ($750) + Faculty of Science ($500) + Faculty of Graduate Studies ($750), University of Windsor.	CAD$2,000	Oct. 2022
09. **Travel Award**, Arman Dashti (MSc), School of Computer Science ($750) + Faculty of Science ($500) + Faculty of Graduate Studies ($750), University of Windsor.	CAD$2,000	Oct. 2022
08. **SIGIR22 Travel**, Arman Dashti (MSc), The 31st ACM International Conference on Information & Knowledge Management (CIKM), Atlanta, Georgia, USA.	US$0,850	Aug. 2022
07. **Gold Medalist, UWill Discover,** Dhwani Nileshkumar Patel (BSc), University of Windsor.	CAD$0,300	Mar. 2022
06. **Best Research**, School of Computer Science, Arman Dashti (MSc), Karan Saxena (MSc), University of Windsor.	CAD$0,300	Nov. 2021
05. **Entrance Scholarship,** Yogeswar Lakshmi (MSc), School of Computer Science, University of Windsor.	CAD$3,000	Sept. 2021
04. **Entrance Scholarship,** Yogeswar Lakshmi (MSc), Faculty of Graduate Studies, University of Windsor.	CAD$7,500	Sept. 2021
03. **Entrance Scholarship,** Arman Dashti (MSc), School of Computer Science, University of Windsor.	CAD$3,000	Sept. 2021
02. **Entrance Scholarship,** Arman Dashti (MSc), Faculty of Graduate Studies, University of Windsor.	CAD$7,500	Sept. 2021
01. **Entrance Scholarship,** Zahra Taheri (PhD), School of Computer Science, University of Windsor.	CAD$7,500	Sept. 2021

Award

11. **Travel Grant**, Center for Teaching and Learning (CTL), University of Windsor, Canada, *The 32nd ACM Conference on User Modeling, Adaptation and Personalization, (UMAP), Cagliari, Italy.*	CAD$0,500	Apr. 2024

10. **Knowledge Exchange-Travel Grant**, University of Windsor, Canada, *The 46th European Conference on Information* CAD$1,000 Mar. 2024
Retrieval (ECIR), Glasgow, Scotland.

09. **Student Pitch Prize**, University of New Brunswick, Canada, *AI–Powered Swim Stroke Analytics, 3rd Place.* CAD$0,500 Mar. 2019
08. **Travel Grant**, The 26th ACM International Conference on Information and Knowledge (CIKM), Singapore. SGD$2,000 Nov. 2017
07. **AnalytiCup Prize**, The 26th ACM International Conference on Information and Knowledge (CIKM), Singapore, SGD$2,000 Nov. 2017
Product Title Quality Challenge, 2nd Place, Lazada Singapore, Participants: 169.

06. **Student Travel Award**, Faculty of Computer Science, University of New Brunswick, Canada, *The 26th ACM* CAD$0,500 Nov. 2017
International Conference on Information and Knowledge (CIKM), Singapore.

05. **Student Travel Award**, The 29th Canadian Conference on Artificial Intelligence (AI2016), BC, Canada. CAD$0,500 June 2016
04. **Student Travel Award**, Faculty of Computer Science, University of New Brunswick, Canada, *The 29th Canadian* CAD$0,800 June 2016
Conference on Artificial Intelligence (AI2016), BC, Canada.

03. **Student Travel Grant**, The 9th ACM International Conference on Web Search and Data Mining (WSDM), US. US$0,270 Feb. 2016
02. **Student Travel Award**, Faculty of Computer Science, University of New Brunswick, Canada, *The 27th International* CAD$1,000 Nov. 2015
Conference on Tools with Artificial Intelligence (ICTAI'15), Italy.

01. **International Differential Fees Award**, Faculty of Computer Science, University of New Brunswick, Canada, CAD$12,636 May 2014
CAD$4,212.00 for three years.

_**SERVICE**_____

Natural Sciences and Engineering Research Council of Canada (NSERC)
2. Reviewer for Discovery Grant   Nov 2021 – Present
1. Reviewer for Idea to Innovation (I2I)   Oct 2021 – Present

University of Windsor
22. External Reader, MSc Thesis Committee, Almiqdad Elzein, Master of Applied Science in Electrical and Computer S2024 – Present
Engineering, Faculty of Engineering, University of Windsor.
21. Internal Reader, MSc Thesis Committee, Bishwadeep Sikder, *Impact of Loss Functions in Fine-Tuning LLMs for Improving* S2024 – Present
Sentence Embeddings
20. Internal Reader, MSc Thesis Committee, Sudipta Dhar, *BERT based Sequential Mining for Richer Contextual Semantics E-* S2024 – Present
commerce Recommendation (BERT-SEMSRec)
19. Award Committee, School of Computer Science, University of Windsor   2024 – Present
18. PhD Admission Committee, School of Computer Science, University of Windsor   2024 – Present
17. School of Computer Science Representative, Faculty of Science, University of Windsor 2023
16. Selection Committee, School of Computer Science, University of Windsor, Posting# 2023-13-61 Server and Network Administrator 2023
15. Selection Committee, School of Computer Science, University of Windsor, Posting# 2023-13-40 Systems Analyst 2023
14. Appointment Committee, School of Computer Science, University of Windsor   2023
13. MSc Admission Committee, School of Computer Science, University of Windsor   2021 – Present
12. Councilor, Faculty of Science Representative, Windsor University Faculty Association (WUFA) 2023 – Present
11. Ad Hoc Committee, Windsor University Faculty Association (WUFA)   2023
10. Windsor University Faculty Association (WUFA)   2020 – Present
09. Internal Reader, MSc Thesis Committee, Sumisha Surendran, *Plagiarism Detection in Source Code using Machine Learning* S2023 – S2024
08. Internal Reader, MSc Thesis Committee, Mrulay Mistry, *GraphWords: Enhancing Word Vectors using Graphs* F2022 – S2023
07. Chair, PhD Thesis Defense, Anita Toronyi, Learning to Belong: An Autoethnography on Acculturation and Identity Aug 2023
Negotiations, Faculty of Education
06. Internal Reader, MSc Thesis Committee, Priyanka Anilkumar Motwani, *Discovering High-Profit Product Feature Groups by* S2021
Mining High Utility Sequential Patterns from Feature-Based Opinions
05. Chair, MSc Thesis Defense, Yakin Dipakbhai Patel, *DTA+VAE: Drug Target Affinity prediction with SELFIES String via* 2023
Variational AutoEncoder and Transformer6 Protein Model
04. Chair, MSc Thesis Defense, Farbod Behnaminia, *Cross-Blockchain Technology for an Interoperable and Scalable Digital Contact Tracing* 2023
03. Chair, MSc Thesis Defense, Yash Trivedi, *Lung tumor segmentation using superpixel based Hierarchical clustering and Multilevel thresholding* June 2022
02. Chair, MSc Thesis Defense, Steffie Maria Stephen, *Vehicle Authentication in Vehicular Ad-hoc Network using RSU Based Approach* April 2021
01. Chair, MSc Thesis Defense, Saiteja Danda, *Identification of Cell-types in scRNA-seq data via Enhanced Local Embedding and Clustering* April 2021

Academic Society
5. The ACM Special Interest Group on Information Retrieval (SIGIR)   Sept 2019 – Present
4. The ACM Special Interest Group on Knowledge Discovery and Data Mining (SIGKDD)   Sept 2019 – Present
3. The ACM Special Interest Group on Management of Data (SIGMOD)   Sept 2019 – Present
2. Professional Member, Association for Computing Machinery (ACM)   Sept 2019 – Present
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

Program Committee Member

Commented [HF1]: Add ICWSM23 (poster, demo, dataset)

Commented [HF2R1]: Conference on Language Modeling (https://colmweb.org/)

14. Association for Computational Linguistics (**ACL**), CORE Rank: A* $2020 - 2024$
13. International Joint Conference on Artificial Intelligence (**IJCAI**), CORE Rank: A $2023 - 2024$
12. European Conference on Information Retrieval (**ECIR**) Long & Short Paper Track, CORE Rank: A $2019 - 2025$
11. ACM **SIGIR** Conference on Research and Development in Information Retrieval, Long & Short & Reproducibility Paper $2020 - 2024$
Track, CORE Rank: A*
10. ACM **SIGKDD** Conference on Knowledge Discovery and Data Mining, Applied Data Science Track, CORE Rank: A* $2021 - 2024$
09. ACM International Conference on Information and Knowledge Management (**CIKM**), Long, Short & Resource Paper Track, $2020 - 2024$
CORE Rank: A
08. ACM International Conference on Web Search and Data Mining (**WSDM**), CORE Rank: A* $2021 - 2025$
07. Empirical Methods in NLP (**EMNLP**), Computational Social Science and Social Media, Question Answering, Language $2020 - 2023$
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) $2021 - 2024$
05. The North American Chapter of the Association for Computational Linguistics (**NAACL**), CORE Rank: A $2021 - 2024$
04. International AAAI Conference on Web and Social Media (ICWSM), CORE Rank: A $2021 - 2023$
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 $2016 - 2018$

<div align="center">**Review Duties**</div>

8. ACM Transactions on Information Systems (**TOIS**), Impact Factor: 6.06
7. Information Processing & Management (**IP&M**), Impact Factor: 6.222
6. Expert Systems with Applications, Impact Factor: 6.954
5. Artificial Intelligence Review, Impact Factor: 5.747
5. Transaction on Knowledge Discovery from Data (**TKDD**), Impact Factor: 4.40
4. IEEE Transactions on Computational Social Systems, Impact Factor: 3.29
3. Information Systems, Impact Factor: 2.466
2. IEEE Access, Impact Factor: 4.098
1. Personal and Ubiquitous Computing, Springer Nature, Impact Factor: 2.0

HOBBY

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