

Dr. Afrouz Hojati

✉ afrouz.hojati@queensu.ca |  afrouzhojati

ACADEMIC APPOINTMENT

Assistant Professor (Digital Technology)

July 2026 - present

Smith School of Business, Queen's University

Postdoctoral Associate (Business Technology Management)

September 2024 - June 2026

Haskayne School of Business, University of Calgary

Supervisor: Dr. Barrie R. Nault.

EDUCATION

Ph.D. Business Technology Management (Information Systems)

2024

Haskayne School of Business, University of Calgary

M.Sc. Master of Business Administration (MBA)

2015

University of Tehran

B.Sc. Information Technology Engineering (Computer Science)

2011

Isfahan University of Technology

RESEARCH

Research Interests

Areas: Economics of Information Systems, Social Media, Content Moderation, Digital Governance.

Methodologies: Analytical Modeling, Econometrics, Data Analytics, Machine Learning, Simulation.

Publications

Hojati, A. and Nault B. R., (2025), "Content Moderation with Shadowbanning," *Information Systems Research*.

Gopal, R.D., Hojati, A. and Patterson, R.A., (2025), "A Little Bit Goes A Long Way: Indirect Effects of Content Moderation on Online Social Media," *International Journal of Electronic Commerce*, 29(1), 39-64. (authors listed alphabetically)

Gopal, R.D., Hojati, A. and Patterson, R.A., (2022), "Analysis of Third-party Request Structures to Detect Fraudulent Websites." *Decision Support Systems*, 54, p.113698. (authors listed alphabetically)

Working Papers and Works in Progress

Hojati, A. and Nault B. R., “Content Moderation with Visibility Reduction,” working paper, major revision from *Information Systems Research*.

Hojati, A. and Nault B. R., “A Comparative Analysis of Regulatory Approaches to Content Moderation across Western Democracies,” working paper, under review.

Hojati, A. and Nault B. R., “Regulation-Based vs. Market-Based Content Moderation Governance in Social Media,” work in progress.

Conference Proceedings, Presentations, and Talks

“Content Moderation Governance in Social Media: Regulation-Based vs. Market-Based Approaches”.

- *Administrative Sciences Association of Canada (ASAC), 2026 (Refereed)*

“Content Moderation with Visibility Reduction,”

- *Smith School of Business, Queen’s University, Canada, March 2026 (invited talk)*
- *Desautels Faculty of Management, McGill University, Canada, December 2025 (invited talk)*
- *Laval University, Canada, December 2025 (invited talk)*
- *Conference on Information Systems and Technology (CIST), 2025 (Refereed)*

“Content Moderation with Shadowbanning,”

- *Zicklin School of Business, Baruch College, City University of New York (CUNY), February 2025 (invited talk)*
- *Warwick Business School, University of Warwick, February 2025 (invited talk)*
- *Workshop on Information Systems and Economics (WISE), 2023 (Refereed; presenter).*

“Content Moderation and Social Contagion,”

- *Workshop on Information Technologies and Systems (WITS), 2022 (Refereed; presenter).*

“Third-party Supply Chains for Detection of Fraudulent Websites,”

- *Workshop on Information Technologies and Systems (WITS), 2020 (Refereed; presenter).*

TEACHING EXPERIENCE

Guest Lecturer, *Haskayne School of Business, University of Calgary*

Ph.D. Seminar I, Analytical Modeling in IS Research (BTMA 799)

Fall 2025

Sessional Instructor, *Haskayne School of Business, University of Calgary*

Data Analytics I —Gathering, Wrangling, and Analyzing Data in R (two sections)

Winter 2024

Introduction to Business Analytics (two sections)

Fall 2022

Teaching Certificate

Instructional Skills Workshop (ISW), *University of Calgary*

Spring 2023

SERVICES

Reviewer

<i>Information Systems Research (ISR)</i>	2026
<i>Administrative Sciences Association of Canada (ASAC)</i>	2026
<i>European Conference on Information Systems (ECIS)</i>	2026
<i>Canada Graduate Research Scholarship-Doctoral, Preliminary Assessment, University of Calgary</i>	2025
<i>International Conference on Information Systems (ICIS)</i>	2024
<i>Workshop on Information Technologies Systems (WITS)</i>	2022

Student Liaison

<i>INFORMS - Women in OR/MS</i>	2025
---------------------------------	------

Co-supervisor

<i>Program for Undergraduate Research Experience (PURE), University of Calgary</i>	2023
--	------

Mentor

<i>International Student Mentorship Program, University of Calgary</i>	2021,2023
--	-----------

PROFESSIONAL ACTIVITIES

Professional Experience

Sessional Instructor <i>University of Calgary, Calgary, Canada</i>	Fall 2022, Winter 2024
Product Marketing Analyst <i>Kalleh Co. (private dairy company)</i>	Jan 2016 - Apr 2018
Business Analyst <i>DigiKala Co. (private e-commerce company)</i>	Jan 2015 - Dec 2015

Professional Memberships

Association for Information Systems (AIS), INFORMS Information Systems Society (ISS),
INFORMS Analytics Society, INFORMS Women in OR/MS

SCHOLARSHIPS & AWARDS

Paramount Resources Ltd Graduate Scholarship	Sep 2022 - Apr 2023
Professional Development Grant, University of Calgary	2023
Conference Travel Funding, Department of BTM, Haskayne School of Business	2023
University of Calgary Pre-Candidacy Award	2020
Graduate Study Scholarship/Fellowship (Ph.D), University of Calgary	Sep 2019 - Apr 2024
Undergraduate Tuition Scholarship, Isfahan University of Technology	Sep 2006 - Aug 2010

SKILLS

Programming Languages: Proficient in R, Python, SQL, Matlab, C++, and C#.

Software: Power BI, Mathematica, MySQL, Stata, SPSS, Tableau, Microsoft Project (MSP)

Other: Machine Learning, Predictive Analytics, Statistical Analysis, Natural Language Processing (NLP), Text and Sentiment Analysis.

COURSES & TRAINING

Selected Ph.D. Courses:

Ph.D. Seminar I in BTMA (Analytical Modeling in IS Research), *Prof Barrie R. Nault*

Ph.D. Seminar II in BTMA (Empirical Modeling and Analysis in IS Research), *Prof Barrie R. Nault*

Other Ph.D. Courses:

Econometrics, Microeconomic, Advanced Data Analytics, Data analytics in Software Engineering, Marketing Analytics, Industrial Organization, Theory Development.

Selected B.Sc. & M.Sc. Courses:

Advanced Programming, Database Management, Advanced Computer Simulation;
Network Security, Data Structure and Security, Business Software Development;
Machine Learning (ML), Algorithm Analysis and Design, Artificial Intelligence (AI);
Probability and Statistics, Quantitative Decision-Making Methods, Operations Management;
IT Strategic/Project Management, MIS, Information Systems Analysis & Design;

REFERENCES

Barrie R. Nault

Distinguished Research Professor
Haskayne School of Business, University of Calgary
nault@ucalgary.ca

Ram D. Gopal

Professor, Information Systems and Management
Warwick Business School, University of Warwick
ram.gopal@wbs.ac.uk