

Reza Shams

Beedie School of Business, SFU

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EDUCATION

2020 – 2025 Ph.D. in Business, Specialization in MIS

Advisor: Prof. Nilesh Saraf

Beedie School of Business, Simon Fraser University, Burnaby, Canada.

2014 – 2017 M.Sc. in IT management, Specialization in E-Business

Advisor: Prof. Ayoub Mohammadian

University of Tehran, Iran.

Thesis topic: *Identifying user acquisition strategies for launching a start-up based multi-sided platform in psychological counseling*

2009 – 2013 Bachelor of IT Engineering

University of Mazandaran, Iran.

RESEARCH INTERESTS

Digital infrastructures, Technology ecosystems governance, Digital standard development, open innovation

WORKING PAPERS

1. Shams, R., Saraf, N., Ruckman, K. (preparing for submission). On Technology Ecosystems: De-Jure Standards Setting by Firms. Target: *Management Science*.
2. Shams, R., Saraf, N., Mata, M. (data collection). The Power of Platform Governor Feedback: Exploring its Influence on Firm Participation in the digital standard setting context. Target: *MIS Quarterly*.
3. Ruckman, K., Saraf, N., Shams, R. (preparing for submission). Participant Diversity in Patent Pool Formation. Target: *Strategic Management Journal*.

CONFERENCE PRESENTATIONS

1. Shams, R., Saraf, N., Ruckman, K. 2023. "On Technology Ecosystems: De-Jure Standards Setting by Firms", AMCIS, Panama City, Panama.
2. Ruckman, K., Saraf, N., Shams, R. 2023. "Participant Diversity in Patent Pool Formation", Third Annual Empirical Research Conference on Standardization, Chicago, Illinois, USA.
3. Shams, Reza, Saraf, Nilesh, Ruckman, Karen, 2021, "Technology Ecosystems: An Empirical Analysis of Standards Formation from A Social Network Perspective", INFORMS annual Meeting, Anaheim, California, USA.
4. Shams, Reza, Mohammadian, Ayoub, 2017, "Providing a new research framework for developing digital start-ups based on Action Design Research approach (ADR)", Third National Information Systems Conference, University of Tehran, Tehran, Iran.

RESEARCH ASSISTANTSHIP

1. Project: "Designing and Explaining the Model of Entrepreneurship Development in Iranian Cyberspace", Jan 2019 to Aug 2019
 - Identifying the path that Iranian IT startups have experienced from beginning to 2018
 - Identifying the milestones that affect this path impressively and predict the future milestones
 - Interviewing with 16 top beneficiaries including Minister of IT, Regulators and Successful Startup Founders.
2. Project: "National search engine", Iran telecom research center, Apr 2015 to Dec 2015
 - Best practiced the most successful national search engines e.g., Baidu, Yandex, etc.
 - Defined 3-year roadmap to illuminate how to make a consortium between 20 private companies to form a national search engine
 - Reconciled PPP contracts with IT industry to benefit both government and private companies

TEACHING

Bus 465 Business systems development

Fall 2022

Course goals: deliver skills in development of applications for Internet-enabled businesses. Students who completed this course be able to develop business software applications, assess business requirements and the quality of the software, collaborate successfully on business software development, and implement a simple web application using HTML, CSS, JavaScript, PHP, and MySQL.

METHODOLOGY & SKILLS

Methodology: Econometrics, Survival analysis, social network analysis (SNA)

Skills: R, Stata, Web scraping, Text analysis

TEACHING ASSISTANT

Business process analysis , SFU, Undergrad	one term
Topics in international business , SFU, MBA	one term
Strategic Use of Information and Knowledge , SFU, MBA	one term
Strategic Management of Technology-based Firms , SFU, MBA	one term
Introduction to Business Technology Management , SFU, Undergrad	four terms
Business intelligence , University of Tehran, Master	one term
Statistics and applied probabilities , University of Mazandaran, Undergrad	one term

HONORS AND AWARDS

Ranked 32 in national University Entrance Exam for the master's degree (A 99th percentile score), 2014

Ranked 9 in Public Exemplary School Entrance Exam for high school (A 99th percentile score), 2005

SERVICES

1. Reviewer for AMCIS 2023, EURAS & SIIT 2023, ICIS 2023, ICIS 2022, ICIS 2021
2. Member of AIS, AOM, INFORMS communities
3. Member of the first national Information system conference Organizing Committee 2016
4. Member of Linux conference Organizing Committee 2013