EHSAN NOURI

Curriculum Vitae

Segal Graduate School of Business – Suite 4230
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Research Interests

o   Online Social Influence
o   Digital Collaboration
o   Artificial Societies and Social Simulation
o   Computational Organization Theory

Education

2020 – Present   PhD, Business Administration (Management Information Systems), Beedie School of Business, Simon Fraser University (SFU), Vancouver, Canada
Supervisor: Prof. Nilesh Saraf

2017 – 2020   M.Sc., Information Technology Management (E-Business Specialty), University of Tehran (UT), Iran
Thesis: A scenario discovery study to minimize Inequality of Opportunity using Agent-Based modelling
Supervisor: Prof. Babak Sohrabi

2012 - 2017   B.Sc., Electrical Engineering (Digital Systems Specialty), University of Tehran, Iran
Final Project: Design and Implementation of a NEAT Neural Network Simulator
Supervisor: Prof. Bijan Alizadeh

Conference Presentations and Proceedings

1.   Nouri, E., Saraf, N., Goh, J.M., Dasgupta, S., Cyr, D., (**2022**, December 10). **The Contagion Process of Online Negative Discourse: Case of Celebrities' Suicide** [Paper presentation]. 2022 Pre-ICIS SIGDSA Symposium, Copenhagen, Denmark.

2.   Saraf, N., Nouri, E., Goh, J.M., Dasgupta, S., Cyr, D., (**2021**, October 24-27). **Retweeting sadness? Predictors of retweeting in the context of celebrity suicides** [Paper presentation]. INFORMS Annual Meeting 2021, Anaheim, CA, United States.

3.   Nouri, E., Saraf, N., Kaligotla, C., (**2021**, October 24-27). **Social Media Contagion of Copycat Suicides** [Paper presentation]. INFORMS Annual Meeting 2021, Anaheim, CA, United States.

4.   Nouri, E., Khalili Jafarabad, A., (**2019**, July). **Use of an Agent-Based Model to minimize Inequality of Opportunities: A scenario discovery study** [Poster Presentation], 5th International Conference on Computational Social Science, Amsterdam, Netherlands

Awards and Honors

2020   Graduate Dean's Entrance Scholarship, Simon Fraser University

2020   Graduated with Distinction (GPA 4/4), Master's Studies, School of Management, University of Tehran

2018   Outstanding Volunteer Member of IEEE Iran Section since 2013

2016   Chair of the Exemplary IEEE Student Branch in Iran Section

2012   Ranked Top 1% in the Nation-wide Universities Entrance Examinations for Undergraduate Studies, Iran

Work Experiences

2022 – Present   **Research Assistant,** Beedie School of Business, Simon Fraser University, BC Canada
- Modeling and Analysis of Online Self-Harm Behavior
- Modeling and Analysis of the Motion Pictures Market

2020 - 2020   **Research and Project Control Assistant,** Digital Transformation Project, Export Development Bank of Iran
Digital Readiness Assessment, Digital Banking Gaps Identification, Action Plans

2017 – 2018   **Content Marketing Specialist**, Nomatec, Tehran, Iran
Enterprise Software Development; Website: www.nomatec.net/en

2017 - 2017   **Executive Director**, 4th National Digital Systems Design Contest of Iran, University of Tehran

Teaching Assistant Experiences

SFU
2021 - Present

Graduate Courses:
BUS750 - Managing Technological Innovation
BUS621 - Information Technology and Organizational Transformation (Executive MBA)
BUS709 - Managing Information

Undergraduate Courses:
BUS362 - Business Process Analysis
BUS237 - Introduction to Business Technology Management

UT
2018 - 2020

Graduate Courses:
E-Business Technologies, Co-Instructor
Strategic Management of Information Systems
IT Basics and Infrastructure (Introduction to MIS)

Volunteering and Professional Communities

2021 – Present **Reviewer,** ICIS (2021, 2022, 2023), SIGDSA Symposium (2022)

2021 – Present **Doctoral Student Member,** Association for Information Systems (AIS), INFORMS

2019 - 2021 **Student Representative**, IEEE Iran Section Executive Committee
Website: ieee.org.ir/committees/student-activities

2015 - 2016 **Chairman**, IEEE University of Tehran Student Branch
Department of Electrical and Computer Engineering, University of Tehran; Website: ieeesb.ut.ac.ir

Technical Skills

o   Statistics and Data Science: **R, Stata, Python, SPSS**
o   Programming: **C/C++/C#, MATLAB**
o   Simulation Tools: **NetLogo**
o   Databases and Analysis: **SQL, MS Access, Power BI**
o   Miscellaneous: **MS Project, Adobe InDesign, CMS Design (Joomla, WordPress)**
o   Digital Systems Engineering: **Verilog, AVR, ARM, Altera Quartus, Modelsim, Proteus**

Selected Projects

Present **How Negative Emotions Spread On Social Media: The Case Of Celebrity Suicides**
Working Paper; Collaborators: Ehsan Nouri, Nilesh Saraf, JM Goh, Srabana Dasgupta

Present **Self-Organized Collective Action through Digital Collaboration**
Working Paper; Collaborators: Ehsan Nouri, Nilesh Saraf, Terri Griffith

Present **The Moderating Effect of Online Reviews on Movie Sales: A Simulation Approach**
Working Paper; Collaborators: Jason Ho, Ehsan Nouri, Charles Weinberg

2021 **The Third Person: Social Media as an Emergent Construct**
Term Paper, Theory Development in Business

2021 **A Complex Systems Perspective on Online Social Media**
Term Paper, Seminar on Social Construction of Communication Technologies

2020 **Ready to Adapt: How Evolutionary IS Strategy Enables Firms to Sustain Competitive Advantage**
Term Paper, Directed Studies Seminar in Information Systems, SFU Beedie School of Business

2020 **M.Sc. Thesis: A scenario discovery study to minimize Inequality of Opportunity using Agent-Based Modelling**
Abstract: Inequality of Opportunity is the dark side of the observed inequality in every society. Differences in wealth, income levels, and other important achievements like education among people, could be either a result of their "efforts" or "circumstances" which they had no role in choosing and the circumstancial causes should be eliminated through policymaking. I employed an agent-based modeling (ABM) approach which simulates the micro-behaviors of people in pursuing education and employment as outcomes and reports macro-level measures including the Gini coefficient and Human Opportunities Index (HOI). Given these outcomes, I extracted the scenarios which bring equal opportunities to people in different condition groups.

2017 **B.Sc. Final Project: Design and Implementation of a NEAT Neural Network Simulator**
Abstract: Using C++, an object-oriented simulation of physical objects is designed to run the learning algorithms in a 2D volleyball game. Various physical constraints and gameplay rules were applied to the simulation. With a shared memory, data is transferred to an FPGA Processor where the neural network is being trained.

Certifications

2023   Certificate Program in University Teaching and Learning, Center for Educational Excellence, SFU

2022   Instructional Skills Workshop, Center for Educational Excellence, SFU

2021   4th St. Petersburg Summer School on Network Analysis, St. Petersburg University

Selected Graduate Courses

SFU 2020 - 2022	o Seminar on Social Construction of Communication Technologies o Directed Studies Seminar in Information Systems Theories o Theory Development in Business Administration o Research Design: Experiments o Test Theory o Applied Econometrics o Stochastics Systems
UBC - 2021	o Seminar on Behavioral Methods in IS Research
UT 2017 - 2020	o Business Intelligence o Entrepreneurship and Digital Innovation o Strategic Management of Information Systems o E-Business Models o Database Management Systems

Miscellaneous

Languages   English (Fluent) - Persian (Native) – French (Basic Knowledge)

Hobbies   Philosophy | Blogging | TV Series | Swimming