

Meysam Alizadeh

CONTACT INFORMATION	Center for Complex Networks and Systems Research (CNetS) School of Informatics and Computing Indiana University Informatics East, Room 322C 919 East 10th St Bloomington, IN 47408	malizade@indiana.edu  www.malizad.github.io  @M_Alizadeh  github.com/malizad  +(1)443-255-8736 
ACADEMIC POSITIONS	Indiana University Bloomington Postdoctoral Fellow, CNetS, September 2016 - Present Qatar Computing Research Institute Visiting Scholar, Social Computing Group, July 2015 Cornell University Visiting Scholar, Social Dynamics Laboratory, January 2015 - May 2015	
EDUCATION	George Mason University Ph.D. in Computational Social Science, 2016 * Committee: Claudio Cioffi-Revilla(Chair), Andrew Crooks, Naoru Koizumi * Lab: Center for Social Complexity University of Pittsburgh M.Sc. in Information Science, 2012 * Affiliation with Agent-Robotics Technology Lab at Carnegie Mellon University Amirkabir University of Technology M.Sc. in Industrial Engineering, 2009 B.Sc. in Industrial Engineering, 2007	
RESEARCH INTERESTS	<i>Substantive:</i> Opinion Dynamics, Social Influence, Radicalization and Extremism, Intergroup Conflict, In-group Favoritism <i>Methodological:</i> Analysis of Social Media Data, Social Network Analysis, Agent-based Modeling, Text as Data Method, Machine Learning, Causal Inference, Geographical Information Systems	
PUBLICATIONS	Meysam Alizadeh, Claudio Cioffi-Revilla, and Andrew Crooks (2016) “ Generating Spatial Social Networks ”, <i>Computational and Mathematical Organization Theory</i> . Mohsen Gharakhani, Fatemeh Nasiri, and Meysam Alizadeh (2016) “ A Utility Theory Approach for Insurance Pricing ”, <i>Accounting</i> , 2(4), 151–160. Meysam Alizadeh, Claudio Cioffi-Revilla (2015) “ Activation Regimes in Opinion Dynamics: Analyzing Asynchronous Updating Schemes ”. <i>Journal of Artificial Societies and Social Simulation</i> , 23(1), 76–91. Meysam Alizadeh, Claudio Cioffi-Revilla, and Andrew Crooks (2015) “ The Effect of In-Group Favoritism on the Collective Behavior of Individuals’ Opinions ”. <i>Advances in Complex Systems</i> , 18, 1550002.	

Meysam Alizadeh, Alin Coman, Michael Lewis, Claudio Cioffi-Revilla (2014) “[Intergroup Conflict Escalation Leads to more Extremism](#)”. *Journal of Artificial Societies and Social Simulation*, 17 (4), 4.

Meysam Alizadeh, Fariborz Jolai, Majid Aminnayeri, Roy Rada (2012) “[Comparison of different input selection algorithms in neuro-fuzzy modeling](#)”. *Expert Systems with Applications*, 39(1), 1536–1544.

Meysam Alizadeh, Roy Rada, Fariborz Jolai, Elnaz Fotoohi (2011) “[An Adaptive Neuro-Fuzzy System for Stock Portfolio Analysis](#)”. *International Journal of Intelligent Systems*, 26 (2), 99–114.

Meysam Alizadeh, Mohsen Gharakhani, Elnaz Fotoohi, Roy Rada (2011) “[Design and Analysis of Experiment in ANFIS Modelling for Stock Price Prediction](#)”. *International Journal of Industrial Engineering and Computation*, 2 (2), 409–418.

CONFERENCE
PAPERS

Meysam Alizadeh, Claudio Cioffi-Revilla (2014) “[Distributions of Opinion and Extremist Radicalization: Insights from Agent-Based Modeling](#)”. In Proceedings of the *6th International Conference on Social Informatics*, Barcelona, Spain, 10-13 November.

Meysam Alizadeh, Michael Lewis, M Hossein Fazel Zarandi, Fariborz Joali (2011) “[Determining Significant Parameters in the Design of ANFIS](#)”. In Proceedings of the *0th North American Fuzzy Information Processing Society Annual Conference*, El Paso, TX, USA.

Meysam Alizadeh, Ehsan Safavieh, Elnaz Fotoohi, Vahid Roshanaei (2009) “[Clustering based Fuzzy Particle Swarm Optimization](#)”. In Proceedings of the *28th North American Fuzzy Information Processing Society Annual Conference*, Cincinnati, OH, USA.

Meysam Alizadeh, Roy Rada, Akram Khaleghi, Mir M. Seyed Esfahani (2009) “[Forecasting Exchange Rates: A Neuro-Fuzzy Approach](#)”. In Proceedings of the *International Fuzzy Systems Association World Congress*, Lisbon, Portugal.

BOOK
CHAPTERS

M. Hossein Fazel Zarandi, Milad Avazbeigi, Meysam Alizadeh (2012) “[A Neuro-Fuzzy Expert System Trained by Particle Swarm Optimization for Stock Price Prediction](#)”. In *Cross-Disciplinary Applications of Artificial Intelligence and Pattern Recognition: Advancing Technologies*, (Eds.) Vijay Kumar Mago and Nitin Bhatia. Information Science Reference, IGI Global.

Meysam Alizadeh (2009) “[Facility Location in Supply Chain](#)”. In *Facility Location: Concepts, Models, Algorithms and Case Studies*, (Eds.) Reza Zanjirani Farahani and Masoud Hekmatfar. Physica-Verlag Heidelberg, Springer.

WORK IN
PROGRESS

Meysam Alizadeh, Ingmar Weber, Claudio Cioffi-Revilla, Michael Macy. “Psychological and Personality Profiles of Political Extremists”.

Meysam Alizadeh, Santo Fortunato, Ingmar Weber, Michael Macy. “Network Characteristics of Political Extremists”.

Meysam Alizadeh, Santo Fortunato, Ingmar Weber, Michael Macy. “Changes in Psychological and Personality Profiles of Individuals Before and After Following a Political Extremist Group on Twitter”.

Meysam Alizadeh, Claudio Cioffi-Revilla, Nauro Koizumi, Andrew Crooks, Jeremy Mayer. “The Geography of Political Opinion Extremism in the United States”.

FELLOWSHIPS, AWARDS, AND RECOGNITIONS	<p>“Presidential Scholar Fellowship”, Full Scholarship for Doctoral Studies, George Mason University, 2013-2016.</p> <p>Summer Research Fellowship, ONR-Minerva Grant No. N00014130054 (PI: Claudio Cioffi-Revilla), 2015 and 2016.</p> <p>Full Graduate Research Scholarship, University of Pittsburgh, 2010-2012.</p> <p>Full Scholarship, University of Maryland Baltimore County, 2009-2010.</p> <p>Amirkabir University of Technology Award for Exceptional Achievement, 2003.</p>
TEACHING	<p><i>Teaching Assistant</i></p> <ul style="list-style-type: none"> • Fall 2009: Department of Information Systems, University of Maryland Baltimore County. <p><i>Instructor</i></p> <ul style="list-style-type: none"> • Spring 2010: Department of Information Systems, University of Maryland Baltimore County.
OTHER WORK EXPERIENCE	<p>Research Assistant to Professor Claudio Cioffi-Revilla, Center for Social Complexity, Krasnow Institute for Advanced Studies (GMU), Summer 2015.</p> <p>Research Assistant to Professor Michael Lewis, School of Information Science, University of Pittsburgh, 2010–2012.</p>
SKILLS	<p><i>Software</i></p> <ul style="list-style-type: none"> • Advanced: Python, SPSS, Matlab, Netlogo, ArcGIS • Intermediate: R, PySpark, Gephi, VenSim, ORA, L^AT_EX <p><i>Languages</i></p> <p>Farsi (native), English (fluent), Turkish (beginner), Arabic (beginner)</p>
SERVICE AND MEMBERSHIP	<p><i>Referee:</i> Computational and Mathematical Organization Theory, Journal of Artificial Societies and Social Simulation, Physica A: Statistical Mechanics and It’s Applications, Advances in Complex Systems, Expert Systems with Applications, Neural Computing and Applications.</p> <p><i>Member:</i> The Network for Computational Modeling for SocioEcological Science (CoMSES), Association for Psychological Science (APS), Peace Science Society.</p>

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