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## ACADEMIC POSITIONS

### **Harvard University, MA, USA**

Data Science Fellow, Technology and Social Change Project (TaSC), Shorenstein Center on Media, Politics, and Public Policy, Harvard Kennedy School, Sep 2020 - Present, *Adviser: Joan Donovan and Robert Faris*

### **Princeton University, NJ, USA**

Associate Research Scholar, Empirical Studies of Conflict Project, Woodrow Wilson School of Public and International Affairs, Oct 2019 - Aug 2020, *Adviser: Jacob Shapiro*

### **Princeton University, NJ, USA**

Postdoctoral Research Associate, Empirical Studies of Conflict Project, Woodrow Wilson School of Public and International Affairs, Sep 2018 - Sep 2019, *Adviser: Jacob Shapiro*

### **Indiana University Bloomington, IN, USA**

Postdoctoral Fellow, Center for Complex Networks and Systems Research (CNetS), School of Informatics, Computing, and Engineering, Sep 2016 - Aug 2018, *Adviser: Santo Fortunato*

### **Qatar Computing Research Institute, Doha, Qatar**

Visiting Scholar, Social Computing Group, Jul 2015, *Adviser: Ingmar Weber*

### **Cornell University, NY, USA**

Visiting Scholar, Social Dynamics Laboratory, Department of Sociology, Jan 2015 - May 2015, *Adviser: Michael Macy*

## EDUCATION

### **George Mason University, VA, USA**

Ph.D. in Computational Social Science, 2016

\* Committee: Claudio Cioffi-Revilla (Chair), Andrew Crooks, Naoru Koizumi

\* Lab: Center for Social Complexity

### **University of Pittsburgh, PA, USA**

M.Sc. in Information Science, 2012

\* *Adviser: Michael Lewis*

\* Affiliation with Agent-Robotics Technology Lab at Carnegie Mellon University

### **Amirkabir University of Technology, Tehran, Iran**

M.Sc. in Industrial Engineering, 2009

B.Sc. in Industrial Engineering, 2007

RESEARCH  
INTERESTS

*Substantive:* Online Influence Operations, Misinformation, Social Contagion, Political Extremism, Intergroup Relations, Opinion Dynamics.

*Methodological:* Machine Learning, Causal Inference, Network Science, Natural Language Processing, Agent-based Modeling.

JOURNAL  
PAPERS

Roland Adorjani, Jacob Shapiro, Meysam Alizadeh, and Alicia Chen (2021) Top-Down Management Leaves Detectable Patterns in Influence Operation Topic Choices, Submitted to *Political Communication*.

Meysam Alizadeh, Jacob Shapiro, Cody Buntain, and Joshua Tucker (2020) “[Content-based features predict social media influence operations](#)”, *Science Advances*, 6 (3), eabb5824.

Meysam Alizadeh, Ingmar Weber, Claudio Cioffi-Revilla, Santo Fortunato, and Michael Macy (2019) “[Psychology and Morality of Political Extremists: Evidence from Twitter Language Analysis of Alt-Right and Antifa](#)”, *EPJ Data Science*, 8:17.

Meysam Alizadeh, Claudio Cioffi-Revilla, and Andrew Crooks (2017) “[Generating Spatial Social Networks](#)”, *Computational and Mathematical Organization Theory*, 23(3), 362-390.

Mohsen Gharakhani, Fatemeh Nasiri, and Maysam Alizadeh (2016) “[A Utility Theory Approach for Insurance Pricing](#)”, *Accounting*, 2(4), 151–160.

Meysam Alizadeh and Claudio Cioffi-Revilla (2015) “[Activation Regimes in Opinion Dynamics: Analyzing Asynchronous Updating Schemes](#)”. *Journal of Artificial Societies and Social Simulation*, 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](#)”. *Advances in Complex Systems*, 18, 1550002.

Meysam Alizadeh, Alin Coman, Michael Lewis, and 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, and 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, and 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, and 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 and Jacob Shapiro. “Active Learning Approach to Detection of Coordinated Information Operations”. Submitted to *ICWSM 2021*.

Meysam Alizadeh and 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, and 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, and 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, and 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, and 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.

CONFERENCE  
PRESENTATIONS  
(NON-ARCHIVAL)

Meysam Alizadeh, Jacob Shapiro, Cody Buntain, and Joshua Tucker (2019) “Identifying Foreign Influence Efforts’ Content on Social Media”. *European Symposium Series on Societal Challenges in Computational Social Science 2019: Polarization and Radicalization*, Zurich, Switzerland, September 2019.

Meysam Alizadeh, Ingmar Weber, Claudio Cioffi-Revilla, Santo Fortunato, and Michael Macy (2019) “Psychology and Morality of Political Extremists: Evidence from Twitter Language Analysis of Alt-Right and Antifa”. *European Symposium Series on Societal Challenges in Computational Social Science 2019: Polarization and Radicalization*, Zurich, Switzerland, September 2019.

Meysam Alizadeh, Jacob Shapiro, Cody Buntain, and Joshua Tucker (2019) “Identifying Foreign Influence Efforts’ Content on Social Media”. *2nd Annual Conference on Politics and Computational Social Science (PaCSS)*, Washington, DC, USA, August 2019.

Meysam Alizadeh, Santo Fortunato, Ingmar Weber, and Michael Macy (2018) “Social Contagion of Political Extremism”. *2018 International School and Conference on Network Science (NetSci 2018)*, Paris, France.

Meysam Alizadeh, Ingmar Weber, Claudio Cioffi-Revilla, Santo Fortunato, and Michael Macy (2017) “Psychological and personality profiles of political extremists”. *The 3rd Annual International Conference on Computational Social Science*, Cologne, Germany, 2017.

WORK IN  
PROGRESS

Meysam Alizadeh, Jacon Shapiro, and Alicia Chen. “Divisive Usage of Race and Religion in Russian Information Operations Increase Hate Crimes in US”.

Meysam Alizadeh and Jacob Shapiro. “Measuring issue attention and agenda setting by foreign influence operations and media outlets on social media”.

Dana Warmusley, Thomas Davidson, Ingmar Weber, Michael Macy, and Meysam Alizadeh. “A Characterization of Hate Speakers on Twitter”.

PATENT	Meysam Alizadeh and Jacob Shapiro. “Detecting and Measuring Coordinated Influence Effort Content on Social Media”. <i>Provisional application filed on March 20, 2020.</i>
FELLOWSHIPS, AWARDS, AND RECOGNITIONS	“Presidential Scholar Fellowship”, Full Scholarship for Doctoral Studies, George Mason University, 2013-2016. Summer Research Fellowship, ONR-Minerva Grant No. N00014130054 (PI: Claudio Cioffi-Revilla), 2015 and 2016. Full Graduate Research Scholarship, University of Pittsburgh, 2010-2012. Full Scholarship, University of Maryland Baltimore County, 2009-2010. Amirkabir University of Technology Award for Exceptional Achievement, 2003.
TEACHING	<i>Teaching Assistant</i> <ul style="list-style-type: none"><li>• Fall 2009: Department of Information Systems, University of Maryland Baltimore County.</li></ul> <i>Instructor</i> <ul style="list-style-type: none"><li>• Spring 2010: Department of Information Systems, University of Maryland Baltimore County.</li></ul>
OTHER WORK EXPERIENCE	Research Assistant to Professor Claudio Cioffi-Revilla, Center for Social Complexity, Krasnow Institute for Advanced Studies (GMU), Summer 2015. Research Assistant to Professor Michael Lewis, School of Information Science, University of Pittsburgh, 2010–2012.
SKILLS	<i>Software</i> <ul style="list-style-type: none"><li>• Advanced: Python, R, SPSS, Matlab, Gephi, Netlogo, ArcGIS, L<sup>A</sup>T<sub>E</sub>X</li><li>• Intermediate: PySpark, VenSim, ORA</li></ul> <i>Languages</i> <ul style="list-style-type: none"><li>• Farsi (native), English (fluent), Turkish (beginner), Arabic (beginner)</li></ul>
SERVICE AND MEMBERSHIP	<i>Referee</i> <ul style="list-style-type: none"><li>• EPJ Data Science</li><li>• Review of Economics and Statistics</li><li>• Computational and Mathematical Organization Theory</li><li>• Journal of Artificial Societies and Social Simulation</li><li>• Physica A: Statistical Mechanics and It’s Applications</li><li>• Advances in Complex Systems</li><li>• Expert Systems with Applications</li><li>• Neural Computing and Applications</li><li>• Social Networks Analysis and Mining</li></ul>

*Member*

- The Network Science Society
- The Network for Computational Modeling for SocioEcological Science (CoMSES)
- Association for Psychological Science (APS)
- Peace Science Society

WRITINGS IN POPULAR MEDIA Meysam Alizadeh, Cody Buntain, Jacob Shapiro, and Joshua Tucker, [“Are influence campaigns trolling your social media feeds?”](#), Published in The Monkey Cage / Washington Post, Oct 2020.

MENTIONS IN MEDIA OUTLETS Forbes, [“7 Ways AI Could Solve All Of Our Election Woes: Out With The Polls, In With The AI Models”](#), November 2, 2020.

BBC Digital Planet, [“Tracking the trolls”](#), July 29, 2020.

New Scientist, [“A weather forecast for fake news outbreaks on social media is coming”](#), July 29, 2020.

Bild Der Wissenschaft, [“KI-System erkennt Posts von Trollen und Bots”](#), July 27, 2020.

Deutschlandfunk Forschung Aktuell, [“Russland-Affäre: Algorithmus erkennt Trolle in staatlichem Auftrag”](#), July 23, 2020.

The Guardian, [“AI system detects posts by foreign ‘trolls’ on Facebook and Twitter”](#), July 22, 2020.

Newsweek, [“Chinese and Russian Trolls Trying to Influence 2020 Election Could Be Hunted with AI Tool”](#), July 22, 2020.

Inverse, [“Tracking Disinformation Using Digital Fingerprints”](#), July 22, 2020.

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