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U.S. RESIDENCY	Green Card holder	
EMPLOYMENT	Postdoctoral Fellow in the Data Intensive Development Lab, UC-Berkeley Data Science Lecturer, UC-Berkeley Faculty Associate, UW-Madison Associate Economist, Analysis Group Inc., Menlo Park, CA	2020 - 2020 - 2018 - 2020 2017 - 2018
DEGREES	PhD in Applied Economics, UW-Madison MS in Economics, University of Lausanne, Switzerland BS in Economics, Academy of Economic Studies of Bucharest, Romania	2017 2011 2008
RESEARCH AND TEACHING FIELDS	I use statistical, machine learning, and record linkage methods to study the economic consequences of health-related problems. My current research focuses on the prediction and estimation of shelter-in-place policy effects on the COVID-19 pandemic around the world. In a different project, I analyze the causal implications of long term pollution exposure on cognition and respiratory and cardiovascular conditions. I also teach Applied Machine Learning for the MS in Data Science program at UC Berkeley.	
WORKING PAPERS	<p>The Effect of Lockdown Policies in the wake of COVID-19 (with J. Blumenstock, S. Hsiang, Xiao Hui Tai, Sebastien Annan-Phan, Shikhar Mehra, 2020).</p> <p>The Role of Birth and Contemporaneous Pollution Exposure on Health Outcomes (with D. Phaneuf, 2019).</p> <p>Air Pollution and Cognitive Health. Evidence from Nairobi, Kenya (with E. Tjernstroem, M. FNO, A. Weiner-Kaplow, 2019).</p> <p>Competition, Price Dispersion and Capacity Constraints: The Case of the U.S. Corn Seed Industry (with G. Shi, 2017, <i>submitted to journal</i>).</p> <p>Adoption vs. Diffusion. The Evolution of Learning: The Case of the U.S. Soybean Seed Industry (with G. Shi, 2016).</p>	
CONTRIBUTION TO MANUSCRIPTS & POSTERS	<p>Longitudinal Matching. A Method for Generating Comparable Samples of Treatment and Treatment-Naive Patients with Progressive Conditions (Analysis Group Inc., 2018).</p> <p>Patient Quality of Life and Benefits of Leptin Replacement Therapy (LRT) in Generalized and Partial Lipodystrophy (study funded by Aegerion Pharmaceuticals Inc., 2018).</p> <p>Effect of Leptin Replacement Therapy (LRT) on Survival and Disease Progression in Generalized and Partial Lipodystrophy (study funded by Aegerion Pharmaceuticals Inc., 2018).</p>	
LITIGATION CONSULTING	I contributed to several high-profile litigation cases in the healthcare and tech industry: <i>Des Roches, et al. v. Blue Shield and Magellan</i> , <i>Confidential v. Blue Shield</i> , <i>Confidential v. Google</i> , <i>Confidential v. Apple</i> , <i>Confidential v. FTC</i> .	

RESEARCH EXPERIENCE, OTHER EMPLOYMENT	<p>RA to Prof. Guanming Shi, UW-Madison, 2012 - 2017</p> <p>RA to Prof. Armin Schmutzler, University of Zurich, Switzerland, 2011</p> <p>RA to Prof. Panos Papadimitratos, Swiss Federal Institute of Technology in Lausanne, 2010</p> <p>Intern Business Analyst, DHL European Headquarters, Belgium, 2009</p>
TEACHING EXPERIENCE	<p>At UC-Berkeley:</p> <p>Lecturer, Applied Machine Learning, Summer 2020</p> <p>At UW-Madison:</p> <p>Lecturer, Practicum for Applied Economists, Fall 2019</p> <p>Lecturer, Object Oriented Programming and Data Analytics with Python, Summer 2019</p> <p>Lecturer, Quantitative and Applied Economics Seminar, Spring 2019</p> <p>Undergrad TA, World Hunger and Malnutrition, Spring 2017</p> <p>Graduate TA, Applied Econometric Analysis I, Fall 2016</p> <p>Graduate TA, Applied Microeconomic Theory, Fall 2014</p> <p>Lecturer, AAE Math Camp, Summer 2014</p>
FELLOWSHIPS, SCHOLARSHIPS AND GRANTS	<p>Research Grant, American Bar Association, Section of Antitrust Law, 2016</p> <p>Ph.D. Summer Program (competitive), Edgeworth Economics, Washington, DC, 2016</p> <p>Kenneth and Pauline Parsons Graduate Fellowship Fund, UW-Madison, 2016</p> <p>Vilas Travel Grant, UW-Madison, 2016</p> <p>Best Paper Presentation Award, AAE UW-Madison, 2016</p> <p>SASC Graduate Funds, University of Lausanne, 2010 - 2011</p> <p>Hessen Summer School (competitive), Goethe University of Frankfurt am Main, Germany, 2008</p> <p>WU Summer School (competitive), Vienna University of Economics and Business, Austria, 2007</p> <p>Excellency in Research Award, Academy of Economic Studies of Bucharest, Romania, 2007</p>
SEMINAR AND CONFERENCE PRESENTATIONS	<p>2020: Association of Environmental and Resource Economics (virtual)</p> <p>2019: UW-Madison, Healthcare Economics Group seminar</p> <p>2017: University of Connecticut, Department of Economics</p> <p>2016: European Association for Research in IO (Rising Stars Section), Lisbon, Portugal</p> <p>2016: Agricultural and Applied Economic Association Meeting, Boston, Massachusetts</p> <p>2016: UW-Madison, Department of Economics, IO seminar</p>
PROFESSIONAL ACTIVITIES	<p>Reviewer for the American Public Health Association (APHA), 2019 -</p> <p>Assistant Program Director, MS in Quantitative and Applied Economics, 2018 - 2020</p> <p>Social Chair, THC Club of AAE Department, UW-Madison, 2015 - 2016</p> <p>Seminar Organizer, THC Club of AAE Department, UW-Madison, 2014 - 2015</p>
CODING SKILLS	Java, Python, R, GIS with Python
DATA SCIENCE SKILLS	Statistics, machine learning, surveys (design, implementation, and analysis), record linkage, manipulation of high-dimensional (un)structured data, geospatial analysis.
LANGUAGE SKILLS	Romanian (native), English (fluent), French (basic)