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Rebeka O. Szabó

Education

- 9/2020 – present **Research Fellow**
Laboratory for Networks, Technology & Innovations, Corvinus University of Budapest, Hungary
- 1/2020 – 4/2020 **Visiting researcher**
Kellogg School of Management & Northwestern Institute on Complex Systems – Northwestern University, Chicago, IL, USA
· Behavior in Organizational Systems
- 9/2017 – present **PHD Candidate / Network and Data Science**
Central European University (CEU), Budapest, Hungary
· Fundamental Ideas in Network Science
· Social Networks
· Scientific Python
· Data and Network Visualization
· Agent-Based Models
· Data Mining and Big Data Analytics
· Statistical Methods in Network Science and Data Analysis
· Structure and Dynamics of Complex Networks
· Agile Project Management 1-2.
· Foundation in Teaching in Higher Education
Thesis: The micro-dynamic nature of group interactions
- 9/2015 – 8/2016 **MSC, Sociology / Comparative Organizations and Labor Studies**
University of Amsterdam (UvA), Amsterdam, The Netherlands
· Sociological Perspectives
· Comparative Study of Labor, Institutions and Organizations
· Education, Skill and Labor Market in Europe and Beyond
· Social Network Analysis
· Sociology of Organizations
Thesis: Temporal Changes of Team Networks during Collaborative Task Performance

- 2/2014 – 8/2014 [Erasmus Scholarship](#)
 Vrije University (VU), Amsterdam, the Netherlands
- Decision Making and Institutional Development
 - Social Inequalities and the Welfare State
 - Social Structure and Political Mobilization
 - Human Cooperation: Altruism vs. Selfishness
 - Organizational Culture and Change
- 9/2011 – 6/2015 [BA, Social Studies](#)
 Eötvös Loránd University (ELTE), Budapest, Hungary
- Social Theory
 - Methodology and Social Research
 - Social Policy
 - Social Psychology
 - Statistics
 - Cultural Anthropology
 - Inter-ethnic relations
 - Field Research
 - Data collection and processing
 - Social History
 - Organizational Sociology
 - Economics
 - Information Society and Media
- Thesis:** The Effect of Martial Arts on Empathy
- 9/2006 – 6/2011 [Graduation Exam](#)
 Szabó Lőrinc English Bilingual Elementary and Secondary School, Budapest, Hungary

Main scientific interests:

- social psychology, social networks, hidden webs, organizational behavior, development and change;
- organizations and evolution intertwined with themes of cooperation, conflict, social inequality, knowledge diffusion and innovation

Selected conferences - presentations:

- International Conference on Advanced Research in Social Sciences
*University of Roehampton, Elm Grove
 Conference Center, 3/7/2019-3/9/2019, London, UK*
- Women in Networks
University of Leeds, 2/27/2019- 3/1/2019, Leeds, UK

Summer school:

- Summer School Series on Methods for Computational Social Science – Methods for Analyzing Multimedia Data

July 22-27, 2019, Berlin, Germany

Reviews:

- PLOS One

Work Experience

09/2019 – 1/2020 [Teaching assistant – Social Networks](#)

Central European University, Department of Network and Data Science, Budapest, Hungary

10/2016 – 7/2017 [Receivables Assistant – Collection](#)

Avis Budget Group BSC Green House, Budapest, Hungary

- investigating and resolving queries related to non-payment of invoices
- analyzing and sending out regular account statements using Wizard and OnGuard
- pro-actively supporting month end payment
- managing relationship with partners (account, credit, and legal managers and internal teams)

9/2014 – 1/2015 [Empirical Research Intern](#)

Republikon Social and Political Research Institute, Budapest, Hungary

- preparing new research projects
- writing research plans, drafting background notes
- data collection, database management
- press monitoring, media analysis
- focus group evaluation

2014 – occasionally [Assistant Translator](#)

Theatre Workers' Union (SZIDOSZ), Budapest, Hungary

- translating and editing professional materials (Hungarian, English)

1/2013 – 1/2014 [Social Worker](#)

Isle Club House – Community Day Care Institution for Psychiatric Patients, Communal Family Support and Child Welfare Services, District 12, Budapest, Hungary

- empathy-based daily community care of psychiatric patients
- organizing and coordinating regular daily creative group activities
- organizing special events and programs

6/2011 – 8/2016

Tourist Guide

Mr. Nilsz Travel Agency Ltd., Budapest, Hungary

- managing group sightseeing tours

Language skills

Levels according to the Common European Framework of Reference for Languages:

- A1 and A2: Basic User
- B1 and B2: Independent User
- C1 and C2: Proficient / Master User

	Understanding				Speaking				Writing	
	<i>Listening</i>		<i>Reading</i>		<i>Spoken interaction</i>		<i>Spoken production</i>			
Hungarian	Mother tongue									
English	C 1	Master	C 1	Master	C 1	Master	C 1	Master	C 1	Master
	CAE (Certificate of Advanced Language) – C1 level									
Spanish	A 2	Basic	B 1	Independ ent	A 2	Basic	A 2	Basic	A 2	Basic
Italian	A 2	Basic	B 1	Independ ent	A 2	Basic	A 2	Basic	A 2	Basic

Other skills and expertise

Digital competence

- Microsoft Office Excel, Word, PPT: full range of user knowledge
- SPSS: reliability testing, cross-tabs analysis, statistical tests
- R statistical programming environment: igraph, dtw, qqplot2, dplyr, reshape2, social network analysis, statistical tests
- Python: pandas, networkx, matplotlib, scipy, numpy, seaborn, statistics

Personal skills and expertise

- independent analyst experience
- thorough, precise organizer
- reliable, problem-solver, goal-oriented
- confident presentation experience, communication skills
- open-minded and creative
- highly emphatic

Other activities

- Aikidoka - Shihan, Hungarian Aikikai Aikido Culture Association, Yurusu Dojo – 1. dan, Budapest, Hungary
- Club coordinator, team leader, “The Great Plan” – Youth Association for the Protection of Nature and the Environment, Budapest, Hungary
- Amateur photographer

Interests

- innovation and change
- green solutions
- martial arts
- the arts
- literature
- photography
- travel
- cycling