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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

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|---------------------|--|
| 9/2020 – present | <p>Research Fellow Laboratory for Networks, Technology & Innovations, Corvinus University of Budapest, Hungary</p> |
| 09/2019 – 1/2020 | <p>Teaching assistant – Social Networks Central European University, Department of Network and Data Science, Budapest, Hungary</p> |
| 10/2016 – 7/2017 | <p>Receivables Assistant – Collection Avis Budget Group BSC Green House, Budapest, Hungary</p> <ul style="list-style-type: none"> • 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 | <p>Empirical Research Intern Republikon Social and Political Research Institute, Budapest, Hungary</p> <ul style="list-style-type: none"> • preparing new research projects • writing research plans, drafting background notes • data collection, database management • press monitoring, media analysis • focus group evaluation |
| 2014 – occasionally | <p>Assistant Translator Theatre Workers' Union (SZIDOSZ), Budapest, Hungary</p> <ul style="list-style-type: none"> • translating and editing professional materials (Hungarian, English) |
| 1/2013 – 1/2014 | <p>Social Worker Isle Club House – Community Day Care Institution for Psychiatric Patients, Communal Family Support and Child Welfare Services, District 12, Budapest, Hungary</p> |

- 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 | |
|-----------|---|--------|---------|-------------|--------------------|--------|-------------------|--------|---------|--------|
| | Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| Hungarian | Mother tongue | | | | | | | | | |
| English | C1 | Master | C1 | Master | C1 | Master | C1 | Master | C1 | Master |
| | CAE (Certificate of Advanced Language) – C1 level | | | | | | | | | |
| Spanish | A2 | Basic | B1 | Independent | A2 | Basic | A2 | Basic | A2 | Basic |
| Italian | A2 | Basic | B1 | Independent | A2 | Basic | A2 | Basic | A2 | 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