

EDUCATION

2016 – Present	Network Science PhD ,		Central European University (CEU)
2013 – 2016	Biophysics MSc ,	Honors degree, GPA 4.92/5.0	Eötvös Loránd University (<i>ELTE</i>)
2010 – 2013	Physics BSc ,	Honors degree, GPA 4.75/5.0	Eötvös Loránd University

WORK EXPERIENCE

03 – 05 2017	External data science consultant	– Maven7	<i>Budapest, HU, Boston, US</i>
03/15' – 01/2016	Quantitative developer intern	– Morgan Stanley	<i>Budapest, HU</i>

COMPUTER SKILLS

Python, C, Scala, C++, Matlab, R, Linux, AWS, Web crawling, APIs, Data visualization

RESEARCH SKILLS

Network analysis, Social networks, Agent-based modeling, Data mining, Machine learning, Social media, Geospatial data

RECENT PROJECTS

<i>PhD Thesis</i>	Quantifying and Modeling Artistic and Scientific Career Success Large-scale data collection, statistical analysis, time series analysis, and mechanistic modeling		
<i>Who dies next in Game of Thrones?</i>	Viral article on a machine learning and network analysis based prediction Featured in Times Higher Education , Futurism , The Economic Times , Cnet , and more.		
<i>MSc Thesis</i>	Realistic group chasing strategies: Bio-inspired model of a complex system with robotic applications . Featured in Institute of Physics , TexhXplore , New Journal of Physics Highlights of 2017		

PUBLICATIONS

M Janosov, C Virágh, G Vásárhelyi, T Vicsek, "[Group chasing tactics: how to catch a faster prey](#)", *New Journal of Physics* 19 (5), 053003, 2017, *Impact Factor: 3.8*

E Agocs, P Kozma, J Nador, A Hamori, **M Janosov** ... "Grating coupled optical waveguide interferometry combined with in situ spectroscopic ellipsometry to monitor surface ...", *Applied Surface Science* 421, 289-294, 2017, *Impact Factor: 3.4*

P Kozma, **M Janosov**, P Petrik, "Optical biosensing", *Hungarian Science*, 2015 (10), 1171-1179,

Péter Petrik, T Gumprecht..., P Kozma, **M Janosov**, B Fodor, E Agocs, M Fried, "Comparative measurements on atomic layer deposited Al₂O₃ thin films using ex situ table top ...", *Thin Solid Films* 541, 131-135, 2013 *Impact Factor: 1.9*

STUDY TRIPS AND CONFERENCES

Statistical Network Science Meets the Industry	Sandpit	March, 2018	Oxford
Budapest Business Intelligence Forum	Talk	November, 2017	Budapest
Workshop at the Complexity Science Hub	Talk	October, 2017	Vienna
<i>Eu. Cooperation for Stat. of Network Data Science</i>	Poster	October, 2017	Palma de Mallorca
<i>School on Methods for Comp. Social Science</i>	Lighting talk	July, 2017	Sardinia
<i>NetSci2017 Flagship Conference</i>	Lighting talk	June, 2017	Indianapolis
<i>Statistical Network Science Workshop</i>	Poster	March, 2017	Eindhoven
<i>International Conference on Complex Systems</i>	Talk	June 2016	Aveiro

AWARDS

Academic Achievement Award for First-Year Doctoral Students	– CEU (2018)
Excellent Student of the Faculty Award at ELTE (2013, '15, '16)	– Annually awarded to the top 1%
Fellowship granted by the Republic (2011, '13, '14)	– National scholarship to the top 0.8%

MISCELLANEOUS

Data Science Tutor	Digital Humanities Initiative 2017/2018 Spring, CEU
Teaching Assistant	Data Mining and Big Data Analytics 2017/2018 Winter , CEU
Reviewer	EPJ Data Science, Physica A, NetSci2018, Comp. Soc. Science Summer School 2018
Exhibitor, organizer	DataStories 2017-18 data visualization exhibition

LANGUAGES

Hungarian – native	English – fluent	German – fluent	Serbian – beginner
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