

Milan Janosov - CV

janosovm@gmail.com

www.milanjanosov.com

EDUCATION

- 2016 – Present Network Science PhD
Central European University, *Budapest*, English-language university accredited in the U.S.
- 2013 – 2016 Biophysics MSc, Honors degree, GPA 4.92/5.0
Eötvös Loránd University, *Budapest*
- 2010 – 2013 Physics BSc, Honors degree, GPA 4.75/5.0
Eötvös Loránd University, *Budapest* (ELTE)

WORK EXPERIENCE

- 03 – 05 2017 External data scientist – Maven7, *Boston – Budapest*
Social networks and media, data mining, key opinion leaders, geospatial data, consulting
- 03/2015 – 01/2016 Quantitative developer intern – Morgan Stanley, *Budapest*
Software development, risk calculation environment, book pricing

COMPUTER SKILLS

Python, Scala, C, C++, Matlab, Linux, Amazon Web Service, Web crawling, APIs, Data visualization

RESEARCH SKILLS

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

RECENT PROJECTS

- PhD Thesis* Quantifying and Modeling Artistic and Scientific Career Success
Large-scale data collection, statistical analysis, time series analysis, and mechanistic modeling
- Who dies next in Game of Thrones?* (07/2017 – 09/2017)
Viral article on a machine learning based prediction, social network analysis and visualization
Featured in [Times Higher Education](#), [Futurism](#), [Gizmodo](#), [GQ](#), [CNet](#), and more.
- MSc Thesis* Realistic group chasing strategies: [Bio-inspired model of a complex system with robotic applications](#).

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**, B Kalas, ..., "Grating coupled optical waveguide interferometry combined with in situ spectroscopic ellipsometry ...", *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**, ..., "Comparative measurements on atomic layer deposited Al₂O₃ thin films using ex situ table top and mapping ellipsometry ...", *Thin Solid Films* 541, 131-135, 2013 *Impact Factor: 1.9*

STUDY TRIPS AND CONFERENCES

- | | | | |
|---|------------------|----------------|---------------------|
| Budapest Business Intelligence Forum | Talk | November, 2017 | Budapest |
| Workshop at the Complexity Science Hub | Talk | October, 2017 | Vienna |
| <i>Eur. Cooperation for Stat. of Network Data Science</i> | Poster | October, 2017 | Palma, Spain |
| <i>School on Methods for Comp. Social Science</i> | Lighting talk | July, 2017 | Sardinia, Italy |
| <i>NetSci2017 Flagship Conference</i> | Lighting talk | June, 2017 | Indianapolis, US |
| <i>Statistical Network Science Workshop</i> | Poster | March, 2017 | Eindhoven, NL |
| <i>International Conference on Complex Systems</i> | Talk | June 2016 | Aveiro, Portugal |
| <i>Principles of Multi-Robot Systems Workshop Rome</i> | Poster | July 2015 | Rome, Italy |
| <i>ETH Zürich - Lab of Biosensors and Bioelectronics</i> | Research student | February 2013 | Zürich, Switzerland |

AWARDS

- 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%

LANGUAGES

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