

EndreMarkBorza





endremborza@gmail.com - <https://endremborza.github.io/>

open source

contributions

pandas, dask,
pandas-profiling

projects

task evaluation 
guessing game 
runtime comparison 
boilerplate 

skills

software

python data/ML stack,
ci/cd, distributed
computing

soft

public speaking,
leadership, pedagogy

interests

football, film, chess,
semantic web

education

- 2016–2018 **Central European University** *Thesis: Scalable Local Market Analysis of Hotels*
MA in Economics
- 2012–2018 **Rajk College for Advanced Studies**
Courses in: Machine Learning, Auction Theory, Network Science, Data Parsing, Business Theory, Cooperation Theory, Game Theory, Behavioral Economics, Sports Management, Cognitive Psychology, Gender Studies, etc.
- 2011–2016 **Eötvös Loránd University** *Thesis: Generalization of Matching Mechanisms*
BA in Economics
BSc in Informatics - specialization in modeling ('14-'16, did not graduate)

work experience

- 2018– **Data Scientist** *Lidl Stiftung & Co. Center of Excellence*
Developing scalable and generalizable machine learning products for demand prediction, delivery optimization and performance evaluation
- 2020 **Research Assistant** *Bocconi University & CEU*
Large scale unstructured data collection, transformation & network analysis
<https://endremborza.github.io/football-data-research/>
- 2015–2020 **Course Instructor** *Rajk College for Advanced Studies*
Applied Algorithm Design for Data Applications (3 semesters)
Programming and Algorithm Design (6 semesters)
Statistical Methods for Causal Inference (1 semester)
Introduction to Formal Logic (4 intro courses)
Network Science (T.A. for 1 semester)
- 2017–2018 **Data Analysis Use Case Construction** *Central European University*
For the book "Data Analysis for Business, Economics, and Policy" by Gábor Békés (CEU) and Gábor Kézdi (U. Michigan) - Cambridge University Press
- 2015–2016 **Research Assistant** *Institute of Economics - Hungarian Academy of Sciences*
VSVK research team - modelling corporate interactions using sport analogues

papers

- 2018 **Network Nature and Structure of Interactions with Facebook Events**
Market Structure in Network Industries - with Gábor Horváth
- 2018 **Influence Channels in a Network of Expert Opinion Formation**
Analysis of Complex Networks - Student Conference Paper
- 2016 **Disjoint Sets Problem**
BA Thesis, Matching mechanisms generalized to grouping
- 2016 **Putative Value Based Hierarchy of the Educational System's Elite**
<http://dx.doi.org/10.22503/inftars.XVI.2016.2.6>
Awarded Rajk's Creative Prize

awards & honours

- 2018 **Heller Farkas Award** *Rajk College*
Outstanding academic achievement in graduating class
- 2014 **Concorde Scholarship** *Polányi Foundation*
For outstanding individual work
- 2013 **Mathematical Economics Competition - 1st place** *Corvinus University*
Economic Analysts and Mathematicians Student Association