János K. Divényi

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EXPERIENCE

Emarsys

2019- **Lead Data Scientist - Analytics**
Working in a cross-functional product team to improve the analytics capability of the marketing cloud. Focus on data quality.

2017-2019 **Lead Data Scientist – Research**
Technical lead of the data research team consisting of 3-6 data scientists. Coordinating research projects (agile), ensuring quality of results, mentoring team members.

2015-2017 **Data Scientist**
Utilize big data about more than 1 billion people to foster the development of online marketing platform. Cooperate with non-technical experts in data-driven decision making. Research to facilitate personalization (e.g. send time optimization), implement promising algorithms in production. Build predictive models (e.g. buying probability).

CEU Microdata

2013-2015 **Data Analyst**
Clean and manipulate data of public procurements for kozbeszerzes.ceu.hu. Build machine learning algorithm to uncover political connections of firms. Estimate econometric models to measure favoritism.

EDUCATION

Central European University

2012-2020 **PhD in Economics**
Summa cum laude. GPA: 3.9/4
Thesis title: Three Essays on Causal Effects Identification in a Novel Setting and Two Empirical Studies.

2010-2012 **MA in Economics**
Graduated with distinction. GPA: 3.95/4

Budapest Uni. of Technology & Economics

2005-2010 **MSc in Business Management**
Graduated in Economic Analysis with distinction. GPA: 4.97/5

Mathias Corvinus Collegium

2006-2010 **Diploma in Economics**
A private program for advanced studies of selected students from various universities

TEACHING

Central European University

2021 **Machine Learning**
MA level course in applied machine learning for business analytics students. Joint with Zoltán Papp.

Eötvös Lóránd University

2019-2020 **Data Science**
MA level course in introductory data science for economists. Joint with Emarsys colleagues.

Budapest Uni. of Technology & Economics

2015-2017 **Data Analysis**
MA level course in applied data analysis with focus on practice, intuition and real data. CERGE Teaching Fellowship.

Central European University

2014-2015 **Data Analysis, Programming Tools**
MA level courses in applied data analysis, data management, basic programming principles, clean code.

SKILLS

- R   ●●●●●●●
- SQL   ●●●●●●●
- Google Cloud ●●●●●●○
- python   ●●●●●○○
- bash   ●●●●○○○
- git   ●●●●●○○

- Hungarian ●●●●●●●
- English   ●●●●●●○
- German   ●●●●●○○

GRANTS & AWARDS

- Academic Achievement Awards, 3x (2011-2014)
- Excellent Student of the Faculty of Economic and Social Sciences, 2010
- Scholarship of the Hungarian Republic, 3x (2007-2010)
- 1st prize. National Conference of Scientific Students' Associations, 2009

OTHER

- happily being a dad of three
- proud to be a scout
- like table tennis, soccer & gardening