

Experience

2019–Present **Data Scientist**, VODAFONE.

End-to-end machine learning development, project management.

- Providing ML and advanced analytics solutions for different business problems
- Mentoring and coordinating the work of junior colleagues

2018–2019 **Senior Consultant | Data Science & Quantitative Risk**, DELOITTE.

Worked on various projects regarding data analytics and credit risk including model validation, model development, data visualization.

- Credit risk default model development and model validation (PD, LGD, EAD and Macroeconomic models)
- Development of statistical and machine learning models for the purposes of customer value management
- Development of automated reporting and data visualization tools for financial analytics

2016–2018 **Portfolio Risk & Stress Testing Intern**, MORGAN STANLEY.

Involved in the development of complex stress testing tools and communication of results to senior audiences.

- Stress Testing Framework Development: Implementation of macroeconomic scenarios leveraging various data sources and systems
- Market and Credit risk model development
- Development of data visualization and reporting tools for internal and regulatory purposes

2015–2015 **Quantitative Research Intern**, HÉTFA RESEARCH CENTER.

Performed economic and econometric analysis for a hungarian reserach company.

- Quantitative evaluation of the Youth Employment Initiative in Hungary (Project of the European Commission)
- Macroeconomic and statistical analysis, documentation

2014–2015 **Data Analyst Intern**, TELEKOM HUNGARY.

Involved in reporting and analytics within Department of Business Customer Service Development.

- Data analytics and report automatisation (ad-hoc and regular), KPI development
- Providing data-driven decision support regarding compensation system and sales

Education

2015–2018 **MA, International Economics and Business**, *Corvinus University of Budapest*.

- Thesis: Machine Learning Applications in Business Analytics
- Main subjects: International Economics, Advanced Macroeconomics, Quantitative Finance, Multivariate Statistics
- Teaching Assistant in Macroeconomics

2016–2017 **MSc, Survey Statistics**, *Eötvös Loránd University*.

- Completed half of the credits
- Main subjects: Mathematical Statistics, Calculus, Probability Theory, R Programming

2012–2015 **BA, Sociology**, *Corvinus University of Budapest*.

- Thesis: Impact of Political Attitudes on EU Policy Preferences among MPs
- Main subjects: Quantitative Research Methodology, Data Analysis, SPSS, Statistics, Economic Sociology, Economics

Computer skills

Python, R, SQL, PowerBI, Tableau, GCP, MS Excel, VBA, QGIS, SPSS, L^AT_EX

Languages

Hungarian Native

English Proficient, *Cambridge Advanced Level Language Exam (C1)*

French Basic