

ADAM LAKATOS

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WORK EXPERIENCE

BESS Quantitative Analyst (Contract), Bravogroup Holding Remote from London (Budapest) | Sep 2025 – Jan 2026

- Quantitative modelling of optimisation strategies and revenue stacks for Commercial & Industrial Battery Energy Storage Systems co-located with Solar PV assets and Flexible Load resources
- Origination of structured products (e.g. partial-tolling agreements) conditioned on site constraints, risk-exposure preferences and market expectations, leading to €1.2 million pilot project investment

Junior Data Scientist, Alteo Energy Trading – (Leading Flexibility provider in Hungary) Budapest | Jul – Sep 2023

- Devised trading strategies for the renewables portfolio in short-term power markets and ancillary services
- Developed proprietary Weather Nowcasting model, improving short-term forecasting accuracy by 18% – using sophisticated signal-processing and gradient boosted tree models
- Managed the product development of internal analytics tools: Net Imbalance Volume forecasting, sensor data post-processing, PV generation conversion algorithm, and Hourly Price Forward Curve modelling
- Worked directly with Head of Product Development and Director of Trading, gaining insight into energy trading operations, strategic planning and management decisions.

Data Scientist Intern, Formlabs – (Global industry leader in 3D printing) Berlin | Jul – Sep 2020

- Led an initiative in building a Predictive Lead Classification machine learning algorithm, using Python and SQL, narrowing down the number of Sales Leads to 40% of current levels while retaining 95% of winner deals; impact valued at €300,000 in savings
- Developed a dynamic Excel dashboard of Sales Specialists' performance; derived insights on strongest sales methods, important bottlenecks and optimal industry specialisation

Data Analyst Intern, Ixerit Budapest | Jul - Aug 2017

- Deployed Big Data BI models to analyse a Hungarian telecommunication company's user behaviour, find anomalies and detect subscription abuses in addition to making pricing recommendations
- Engineered dynamic sales pipeline dashboard in Tableau, based on company's CRM system data

EDUCATION

University College London – Energy Systems and Data Analytics, MSc London, UK | 2023 - 2025

- 1st Class Distinction
- **Specialisation:** Bayesian Statistics, Mathematical Programming
- **Dissertation:** "Evaluating multi-market wholesale arbitrage bidding strategies of battery energy storage portfolios of different compositions." – Awarded 1st Class Honours

University of Cambridge, Pembroke College – Economics, BA Cambridge, UK | 2018 - 2022

- Upper 2nd Class Honours (68)
- **Specialisation:** Statistics, Time Series Econometrics, Empirical Industrial Organisation
- **Dissertation:** "An econometric analysis into the price adjustment process in housing markets"

Fazekas Secondary School – No.1 Mathematics Programme in Hungary Budapest, Hungary | 2012 – 2018

- Founded and led Debating Society, organising weekly sessions, conference trips and workshops 2016 – 2018

COMPETITION RESULTS

International Hungarian Mathematics Olympiad:	6 th place	2017
National Kalmar Laszlo Mathematics Olympiad:	1 st place	2012
National Zrinyi Mathematics Olympiad:	2 nd place	2011
National Bataszeki Mathematics Olympiad:	1 st place	2010

ACTIVITIES & INTERESTS

- Swimming (University team), Tennis (College team), Skiing (2x National Champion)

SKILLS

Computational: Python, SQL, R, Excel VBA
Languages: English, French (Conversational), Hungarian