

# ADAM LAKATOS

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## WORK EXPERIENCE

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**BESS Quantitative Analyst, Bravogroup Holding**

**Remote from London (Budapest) | Aug 2025 –**

- (Part-time advisor role while applying for jobs in London)
- Modelling optimisation strategies and revenue stacks for BESS units co-located with solar PV and controllable load
- Origination of tolling agreements between site owners, investors and optimisers given specific site constraints, conditioned on exposure preferences and market expectations

**Junior Product Developer, Alteo Energy Trading – (Leading Flexibility provider in Hungary)**

**Budapest | Jul – Sep 2023**

- Devised trading strategies for the renewables portfolio on the intraday balancing energy markets
- Developed the in-house Weather Nowcasting model, improving short-term forecasting accuracy by 18% using careful signal-processing and gradient boosted tree models
- Managed the product development of internal data analytics tools such as sensor data post-processing, PV electricity generation conversion algorithm, and Hourly Price Forward Curve modelling used in annual gas price quotation
- Worked directly with Head of Product Development and Director of Trading, gaining high-level knowledge of energy trading operations and an inside view on strategic planning and executive decisions

**Data Scientist Intern, Formlabs – (Global industry leader in 3D printing)**

**Berlin | Jul – Sep 2020**

- Led a team in building a Predictive Lead Classification ML 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
- Created a dynamic and intuitive Excel dashboard of Sales Specialists' performance, to guide advanced optimization; derived insights on strongest sales tools, 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

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**University College London – Energy Systems and Data Analytics, MSc**

**London, UK | 2023 - 2025**

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

**University of Cambridge, Pembroke College – Economics, BA**

**Cambridge, UK | 2018 - 2022**

- Upper 2<sup>nd</sup> 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

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

## ACTIVITIES & INTERESTS

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

## SKILLS

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**Computational:** Python, SQL, R, Excel VBA

**Languages:** English, French (Conversational), Hungarian