

Gábor Balázs

Cartagena, Spain

Machine Learning Engineer|Researcher

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Education and Employment

2020 - G&G (Cartagena, Spain)

Freelance Machine Learning Consultant:

- 2024- [Kaggle](#) (Competition Expert);
- 2020- self-funded scientific research on machine learning;
- 2020-2024 developing algo-trading software for [Causality Group](#);
- 2021-2023 state prediction of a simulated wastewater treatment plant for KaveczkiTerv.

2016 - 2020 Causality Group (Madrid, Spain)

Quantitative Analyst in a private fund:

- time series regression, market-neutral equity trading, backtesting;
- factor modelling, portfolio optimization and boosting, risk control;
- startup experience, using Python, SQL, Bash, and Ubuntu Linux.

2009 - 2016 University of Alberta (Edmonton, Canada)

PhD in Statistical Machine Learning (Department of Computing Science)
under the supervision of Csaba Szepesvári and Dale Schuurmans.

Thesis: Convex Regression: Theory, Practice, and Applications;

2005 - 2009 Nokia Solutions and Networks (Budapest, Hungary)

Terminal Management Server development (2 years):

- using Java, SQL, and Redhat Enterprise Linux.

Mobile Switching Center Server development (2 years):

- programming in TNSDL, C, Bash, and Perl.

1999 - 2005 Eötvös Loránd University (Budapest, Hungary)

BSc and MSc in Computer Science.

Selected Papers

Near-optimal delta-convex estimation of Lipschitz functions,

Gábor Balázs, arXiv, 2025;

Adaptively partitioning max-affine estimators for convex regression,

Gábor Balázs, AISTATS, 2022;

Near-optimal max-affine estimators for convex regression,

Gábor Balázs, András György, Csaba Szepesvári, AISTATS, 2015.

Miscellaneous

Languages: Hungarian (native), English (fluent), Spanish (conversational)

Reviewing: AISTATS, ICML, COLT, ICLR, IEEE Trans. on Info. Theory