

Gábor Balázs

Cartagena, Spain

Machine Learning Engineer|Researcher

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<https://gabalz.gandg.ai>

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