

I am a machine-learning researcher with expertise in aligning AI systems with human preferences. I enjoy developing efficient algorithms and addressing applied problems at scale.

## Employment

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2019–	<b>Spotify / Senior Research Scientist</b> Fundamental and applied ML research on aligning Spotify's next generation of recommender systems to users' long-term satisfaction.	London, UK
2012–2018	<b>EPFL / Research Assistant</b> Contributed to research and teaching activities at the School of Computer and Communication Sciences.	Lausanne, CH
2016	<b>Microsoft Research / Research Intern</b> Collaborated on a research project on organizational analytics.	Cambridge, UK
2011	<b>Facebook / Intern</b> Participated in efforts to make Facebook's core infrastructure more secure. Top performing intern, declined conversion offer to join PhD program.	Palo Alto, CA, USA
2010	<b>Google / Intern</b> Contributed to the development of a web app for YouTube advertisers.	Zurich, CH

## Education

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2012–2018	<b>EPFL / PhD in Computer Science</b> My thesis work won a Google PhD Fellowship in Machine Learning & the EPFL Thesis Distinction. Title: Efficient Learning from Comparisons.	Lausanne, CH
2006–2012	<b>EPFL / MSc in Communication Systems</b> Master's thesis on a music recommender system for groups.	Lausanne, CH
2010–2011	<b>UC Berkeley / IVEO Graduate Exchange</b> Year-long academic exchange including coursework and research.	Berkeley, CA, USA

## Honors & Awards

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2019	NeurIPS 2019 Best Reviewer (top 10%)
2019	GI-Dissertationspreis 2018 finalist
2018	EPFL / EDIC Thesis Distinction (top 8%)
2018	EPFL Tech Transfer Office grant for kickoff.ai (15 kCHF)
2016	Hackathon Grand Winner (out of 54 projects), LauzHack
2016	Distinguished Service Award, IC Department, EPFL
2016	Google PhD Fellowship in Machine Learning (160 kUSD)

## Selected Publications

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Full list available on [Google Scholar](#)

arXiv 2023	<b>Optimizing Audio Recommendations for the Long-Term</b> L. Maystre, D. Russo, Y. Zhao. <a href="#">↗</a>
NeurIPS 2022	<b>Temporally-Consistent Survival Analysis</b> L. Maystre, D. Russo. <a href="#">↗</a>
UAI 2022	<b>Multistate Analysis with Infinite Mixtures of Markov Chains</b> L. Maystre, T. Wu, R. Sanchis-Ojeda, T. Jebara. <a href="#">↗</a>
AISTATS 2021	<b>Collaborative Classification from Noisy Labels</b> L. Maystre, N. Kumarappan, J. Bütepage, M. Lalmas. <a href="#">↗</a>
ICML 2017	<b>A Simple and Effective Approach to Active Preference Learning</b> L. Maystre, M. Grossglauser. <a href="#">↗</a>
NeurIPS 2015	<b>Fast and Accurate Inference of Plackett–Luce Models</b> L. Maystre, M. Grossglauser. <a href="#">↗</a>

## Open-Source Contributions

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2016–	<b>kickoff.ai</b> Developed a library for inference in a new class of dynamic comparison models, and applied it to predict outcomes of association football matches.
2015–	<b>choix</b> I am maintaining a popular library for research on statistical choice models.
2012	<b>CPython</b> Fixed issue #11175. My code shipped with Python 3.4.
2012–	I maintain several other public repositories on GitHub, ranging from a fork of an SVD library to cooking recipes.

## Miscellaneous

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Languages	<b>French:</b> native <b>English:</b> fluent <b>German:</b> fluent
Service	<b>Academic journal reviewer:</b> Computational Statistics, Annals of Applied Probability, PeerJ Computer Science. <b>Conference reviewer:</b> NeurIPS, ICML, ICLR, UAI, KDD, WWW, AISTATS
Mentoring	Mentored the following interns: Ali Batuhan Yardım (2017, EPFL), Casper Hansen (2019, Spotify), Francesco Sanna Passino (2020, Spotify), Thomas McDonald (2022, Spotify)
References	Professional & academic references available upon request.