

Lucas Maystre

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27 years old
Swiss citizen
unmarried



Education

- 2012 – **Ph.D. in Computer Science**
École Polytechnique Fédérale de Lausanne (EPFL)
Received a Departmental Fellowship. Research assistant in Prof. Matthias Grossglauser's group.
- 2006 – 2012 **M.Sc. in Communication Systems**
École Polytechnique Fédérale de Lausanne (EPFL)
Master's thesis on a music recommender system, supervised by Prof. Matthias Grossglauser.
- 2010 - 2011 **IVEO Graduate Exchange Program**
University of California, Berkeley
One-year exchange program. Hosted by Prof. Dawn Song, I worked on web application security and took graduate classes.

Professional Experience

- 2011
3 months **Facebook, Palo Alto – Security Engineering Intern**
Participated in ongoing efforts to make Facebook's core infrastructure more secure and to help engineers write safer code.
- 2010
4 months **Google, Zürich – Software Engineering Intern**
Launched a new version of a web application that allows to target ads on YouTube. Worked in a small, international team.
- 2009 – 2010
6 months **Open Systems AG, Zürich – Intern**
Collaborated with a team of security engineers to develop, maintain and improve network security products operated in 100+ countries worldwide.

Publications

- 2015 **Fast and Accurate Inference of Plackett-Luce Models**
L. Maystre, M. Grossglauser. Presented at NIPS 2015, Montréal, Canada.
- 2015 **Robust Active Ranking from Sparse Noisy Comparisons**
L. Maystre, M. Grossglauser. Preprint, [arXiv:1502.05556](https://arxiv.org/abs/1502.05556) [stat.ML].
- 2013 **Mitigating Epidemics through Mobile Micro-measures**
M. Kafsi, E. Kazemi, L. Maystre, L. Yartseva, M. Grossglauser, P. Thiran. Presented at NetMob 2013, Boston, MA.

Invited Talks & Posters

November 2015	Swiss Machine Learning Day, EPFL, Lausanne Gave a talk on the inference of Plackett–Luce models.
July 2015	Machine Learning Summer School, MPI-IS, Tübingen Presented a poster on active ranking from noisy comparisons.
June 2013	ETCPR 2013, Inselspital, Bern Gave a talk on mitigating epidemics with using cell phone data.
June 2013	IC Research Day, EPFL, Lausanne Presented a poster on mobile micro-measures.

Open-Source Contributions

2015 –	choix I am developing a Python library for research on statistical choice models.
2015	HotCRP Fixed issue #51 in the popular conference management software.
2012	CPython Fixed issue #11175. My code shipped with Python 3.4
2012 –	I have many other public repositories on GitHub, ranging from a fork of a popular SVD library to cooking recipes.

Languages & Miscellanea

Languages	French : native English : fluent, written and spoken German : fluent, written and spoken
Coursework	Advanced Algorithms, Pattern Classification and Machine Learning, Advanced Probability, Analytic Methods in Algorithms and Complexity.
Service	I am the student representative in our doctoral program. Since 2013, I have proposed and supervised 9 semester-long student projects at the bachelor and master levels.
Volunteering	Madagascar, Summer 2005 Went three weeks in Antananarivo and Anjozorobe to help build a school, with a group of young people of my region.
Hobbies	Football – I am a referee, currently in 3rd division; playing piano, photography.