

Lucas Maystre

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30 years old
Swiss citizen
Unmarried



Education

- 2012 – 2018 **Ph.D. in Computer Science**
École Polytechnique Fédérale de Lausanne (EPFL)
My research focuses on statistical and algorithmic aspects of learning preferences from comparisons. I am advised by Matthias Grossglauser.
- 2006 – 2012 **M.Sc. in Communication Systems**
École Polytechnique Fédérale de Lausanne (EPFL)
Master's thesis on a music recommender system for groups, supervised by Matthias Grossglauser.
- 2010 - 2011 **IVEO Graduate Exchange Program**
University of California, Berkeley
One-year exchange program. Hosted by Dawn Song, I worked on web application security and took graduate classes.

Professional Experience

- 2016
3 months **Microsoft Research, Cambridge (UK) – Research Intern**
Collaborated with Milan Vojnovic and Brendan Murphy on a research project related to organizational analytics.
- 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.

Honors and Awards

- 2018 15 kCHF enable grant to develop kickoff.ai, EPFL Tech Transfer Office
- 2016 Hackathon Grand Winner (out of 54 projects), LauzHack
- 2016 Distinguished Service Award, IC Department, EPFL
- 2016 Google PhD Fellowship in Machine Learning.
- 2012 EPFL I&C Departmental Fellowship.

Selected Publications

- 2018 **Can Who-Edits-What Predict Edit Survival ?**
A. B. Yardim, V. Kristof, L. Maystre, M. Grossglauser, *KDD 2018*.
- 2017 **A Simple and Effective Approach to Active Preference Learning**
L. Maystre, M. Grossglauser, *ICML 2017*.
- 2017 **ChoiceRank: Identifying Preferences from Node Traffic in Networks**
L. Maystre, M. Grossglauser, *ICML 2017*.
- 2016 **Collaborative RNNs for Dynamic Recommender Systems**
Y.-J. Ko, L. Maystre, M. Grossglauser, *ACML 2016*.
- 2016 **Learning Team Strengths Based on Implicit Player Contributions**
L. Maystre, V. Kristof, A. J. González, M. Grossglauser. *MLSA 2016*.
- 2015 **Fast and Accurate Inference of Plackett–Luce Models**
L. Maystre, M. Grossglauser, *NIPS 2015*.

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 Since 2013, I have proposed and supervised 11 semester-long student
 projects at the bachelor and master levels.
- Hobbies Football – I am a referee, currently in 3rd division; playing piano,
 photography.