

# Lucas Maystre

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Born on July 22<sup>nd</sup>, 1988  
Swiss citizen  
Unmarried



## Education

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- 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, 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

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- 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

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- 2016      Distinguished Service Award, IC Department, EPFL
- 2016      Google PhD Fellowship in Machine Learning.
- 2012      EPFL I&C Departmental Fellowship.
- 2006      Gymnase de Chamblandes prize in Latin and French studies.

## Selected Publications

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- 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*.
- 2015      **Fast and Accurate Inference of Plackett-Luce Models**  
L. Maystre, M. Grossglauser, *NIPS 2015*.

## Open-Source Contributions

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- 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

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- 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.