GILLES LOUPPE

PERSONAL INFORMATION

Born in Belgium, 26 April 1987

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SUMMARY

Researcher in machine learning. My far ambition is to make a dent in science through data.

WORK EXPERIENCE

2014–Present Marie-Curie COFUND Research Fellow · *CERN (Switzerland)*

Machine learning and data analysis on HEP, text and bibliographic data.

2010–2014 F.R.S.-FNRS Research Fellow · *University of Liège (Belgium)*

Fundamental and applied research in machine learning and data analysis. Expertise in tree-based methods.

Teaching assistant (Introduction to Algorithmics, Data Structures and Algorithms, Machine Learning)

2011–Present Open source software developer · *Scikit-Learn*

Benevolent core developer of Scikit-Learn, an open-source machine learning library written in Python.

EDUCATION

2010–2014 PhD in Computer Sciences · *University of Liège (Belgium)*

Thesis: Understanding Random Forests – From Theory to Practice.

2008–2010 Master in Computer Sciences · *University of Liège (Belgium)*

Thesis: Collaborative Filtering – Scalable approaches using Restricted Boltzmann Machines
Erasmus student at the Royal Institute of Technology (KTH), Sweden.

Summa cum laude.

2005–2008 Bachelor in Computer Sciences · *University of Liège (Belgium)*

Summa cum laude.

PUBLICATIONS

2014 *Simple connectome inference from partial correlation statistics in calcium imaging.*
Antonio Sutera, Arnaud Joly, Vincent Franois-Lavet, Zixiao Aaron Qiu, Gilles Louppe, Damien Ernst, Pierre Geurts [PDF, Source]

TALKS

SKILLS

Specialties Machine Learning, Statistics, Scientific Computing

Programming Python, C

OTHER INFORMATION

Awards 2010 – 2014 · F.R.S.-FNRS research fellow scholarship

2010 · Melchior Salier Award for best Master's Thesis in Computer Science

2010 · Baudouin Elleboudt Award for best Master's Thesis in Computer Science

Languages French · Mothertongue

English · Fluent

Dutch · Basic

Interests Rowing · Cinema · Travel · Coffee · Vinyls

June 26, 2015