

about

325 East 10th Street
New York 10009

heller@mailbox.org

programming

♥ Python & Flask
(ES5, node.js)
Python, C, OCaml
CSS3 & HTML5

interests

complex networks, social networks, community detection, community structure, overlapping communities, information diffusion, viral marketing, social inference, recommendation, data mining

education

since 2009	Ph.D. candidate in Computer Science <i>A Quantified Theory of Social Cohesion.</i>	DNET/INRIA, LIP/ÉNS de Lyon
2007–2008	M.Sc. magna cum laude Majoring in Computer Science Specialization in Complex Systems	IXI, École Normale Supérieure de Lyon
2006–2007	B.Sc. magna cum laude Majoring in Computer Science	École Normale Supérieure de Lyon
2003–2006	Classes Préparatoires aux Grandes Écoles Preparation for national competitive entrance exams to leading French “grandes écoles”, specializing in mathematics and physics.	Lycée Fénelon, Lycée Louis le Grand, Paris
2003	French Baccalauréat S. with honors Specialization in mathematics and physics	Lycée Louis le Grand, Paris

experience

02–07 2009	LIP6/CNRS, Paris <i>Visualization of complex networks.</i>	Research Internship.
06–08 2008	ISCIPIF/CNRS, Paris <i>Diffusion in the Blogosphere. Happy Flu.</i>	Research Internship.
06–08 2007	LIP6/CNRS, Paris <i>Kernels in real world networks.</i>	Research Internship.
07–08 2005	Kelkoo.com <i>Creation of a keyword generator for Google Adwords.</i>	Summer job.
07–08 2004	MonsieurPrix.com <i>Development of an e-commerce product indexation spider.</i>	Summer job.

applications

2012	Who did I forget ? Guest list recommendation for Facebook events based on friends already attending the event.	whodidiforget.com
2011	Fellows Automatic community detection among Facebook Friends in order to validate the <i>cohesion</i> measure, creation of friend lists.	fellows-exp.com
2008	Happy Flu Experiment aimed to measure viral spreading of content across the blogosphere.	happyflu.com

publications